

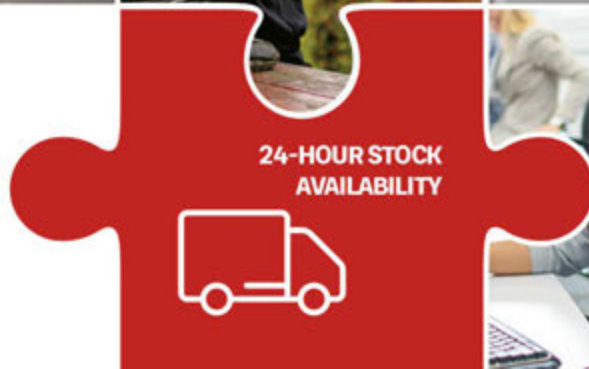
EMOS®

A brand of  **legrand®**

Product Catalogue 2023/2024



**Making
Life
Easy**



EMOS®

A brand of  **legrand®**

Making life easy

Our passion is electricity! We enjoy developing, sourcing and delivering electrical products that help our business partners succeed in today's highly competitive marketplace with their optimum price and quality.

For more than 30 years, EMOS companies have offered small household electrical products that are part of everyone's life. Under the EMOS brand there are mainly batteries, light sources and luminaires for domestic and industrial use, extension leads, flashlights, antennas, small electronic devices – multimeters, testers, bells. In five countries, there are over 450 people employed to ensure that our products are of the best quality and get delivered to you, our customers, as quickly as possible. Since 2022 EMOS companies have been part of the multinational Legrand Group.



Direct distributor for the Czech Republic, Slovakia, Hungary, Slovenia and Croatia.

www.emos.eu

EMOS basic philosophy



**OPTIMAL PRICE/
QUALITY RATIO OF
PRODUCTS**

Each of our products is subject to strict quality control by a team of inspection staff directly at the manufacturer's site and then in our own laboratory. We carry out nearly 1,100 tests a year, supervised by 25 specialists



**24-HOUR
STOCK
AVAILABILITY**

We offer excellent stock availability of our products and fast delivery to our customers. A total storage area of over 16,000 m² allows us to keep more than 95% of the items in our range in stock and in sufficient inventory at all times.



**SPEED AND
EASE OF
COMMUNICATION**

Customers communicate with us in the way that suits them best - through sales representatives, online B2B and B2C portals or by phone. 90 EMOS Group sales representatives visit an average of 650 customers per day

About the multinational Legrand Group

Legrand is a global specialist in electrical and digital infrastructure, offering high value-added products and solutions that improve lives by transforming the spaces where people live, work and meet. The Legrand Group employs more than 38,200 people in nearly 90 countries and works to improve buildings' electrical and digital infrastructures, helping to digitize them and reduce their carbon footprint. Legrand has solutions for all building types - residential buildings, data centers and other non-residential buildings; as well as industrial spaces and infrastructures. The Group's technological expertise, its leadership position, the breadth and diversity of its offering, its international presence and the strength of its brands combine to make Legrand a global leader.

[#LegrandImprovingLives](https://www.legrandgroup.com)

www.legrandgroup.com

[@legrand](https://twitter.com/legrand)

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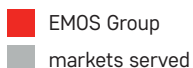
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The Eurologistics Centre of EMOS Holding, with an area of over 16,000 m², supports EMOS' strategy to offer its business partners excellent stock availability of products from its product range.

EMOS GoSmart

Smart living even more accessible

Create your own smart home with EMOS GoSmart and other TUYA-compatible smart devices. Connect individual products, set up automation for their activities and control them remotely with a fully localised and intuitive mobile app.



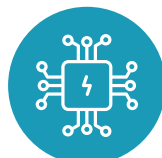
HOME SECURITY

- Indoor IP cameras
- Outdoor IP cameras
- Video door phones
- Video doorbells
- Door sensors
- Cylinder locks
- PIR sensors



MEASUREMENT AND CONTROL

- Thermostats
- Weather stations



WIRING AND CONTROL

- Scenic switches
- ZigBee gateways
- Extension cords
- Sockets



LUMINAIRES AND LIGHT SOURCES

- Bulbs
- Strips
- Luminaires



HOME AND GARDEN

- Scales
- Feeders



EMOS GoSmart



EMOS GoSmart is here to make your life more pleasant, safer and more comfortable.



EMOS GoSmart products

Optimal price/quality ratio

With the affordable prices and excellent quality of EMOS GoSmart products, the smart home system becomes accessible to everyone. You can easily create your smart home without complicated renovation and equipment installation.



WIDE RANGE OF PRODUCTS

Dozens of EMOS GoSmart products are developed together with the world's leading manufacturers in the industry.



OPTIMAL PRICE AND QUALITY

EMOS GoSmart products are subject to quality control directly at the manufacturer's and in our laboratory.



THE ONLY MOBILE APP

The EMOS GoSmart app allows you to control your device via your mobile phone from anywhere.



TECHNICAL SUPPORT

We provide technical support and help to get EMOS GoSmart products up and running.



COMPATIBILITY AND EXPANDABILITY

Expand your smart home with EMOS GoSmart products and thousands of other TUYA compatible products.



Advanced technology

EMOS GoSmart products communicate via Wi-Fi network, Bluetooth or ZigBee communication protocols. You can even use voice control thanks to their compatibility with Amazon Alexa and Google Assistant.



ZigBee



Works with
Alexa,
Google Assistant



Powered by

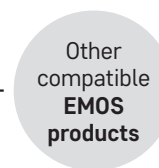


Data security and compatibility

EMOS GoSmart priorities

The basis of the EMOS GoSmart system is the **global TUYA platform**. This platform meets the most demanding security requirements and, using encrypted communication, allows you to connect the devices in your smart home, keeping them compatible and easy to use.

Renowned brands that have chosen **TUYA platform for their smart devices include HAMA, LIDL, LEDVANCE, PHILIPS and many others.**



EMOS GoSmart app

Full localisation and ease of use

The EMOS GoSmart app makes it easy to control all your smart home devices via your **Android** or **iOS** mobile phone or tablet. The perfect localisation allows you to communicate with the app in your native language.



Smart
control
of your
home

Control
multiple
devices



Never
miss
a visit



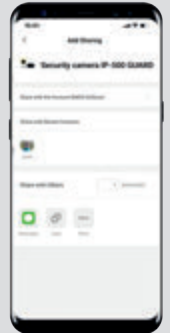
Create and use
smart
scenarios



Connect
from
anywhere



Share with
your family
with one tap



Without complicated settings, you can keep track of any activities in your home with the EMOS GoSmart app and control conveniently all your devices remotely.



FULL LOCALISATION

The full localisation allows you to communicate with the app in your native language.



EASY TO USE

You don't have to worry about complicated app controls. Anyone can handle it.



SMART SCENARIOS

Have your products work together using the smart scenarios.



DEVICE MANAGEMENT

All your smart home devices can be controlled from anywhere using the app.



SMART NOTIFICATIONS

The app sends you notifications about any activity in your home.

EMOS GoSmart is here to make your life more pleasant, safer and more comfortable.

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GoSmart

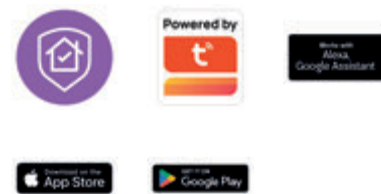


Home Security

Indoor IP cameras



- For keeping people safe and protecting the interiors of homes
- Alerts of unusual activity sent to mobile devices
- Continuous tracking of moving person for better recording quality
- Two-way voice communication
- Automatic video and audio recording when motion is detected
- Connection to home network via WIFI protocol
- Compatibility with EMOS GoSmart products and TUYA devices
- Voice control with Google Assistant and Amazon Alexa



- automatic image saving
- setting the detection area
- night vision
- camera viewing angle: 100°
- IP rating: IP20
- camera resolution: 1 920 × 1 080
- motion detection
- sound detection
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- transmission frequency: 2.4 GHz WIFI
- voice communication: two-way
- motion tracking
- motorised rotation
- motion detection angle: 100°
- motion detection range: 10 meters



H4051 1/-/-/12
30 24 040 510 IP-100 CUBE

- automatic image saving
- setting the detection area
- night vision
- camera viewing angle: 100°
- IP rating: IP20
- camera resolution: 2 304 × 1 296
- motion detection
- sound detection
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- transmission frequency: 2.4 GHz WIFI
- voice communication: two-way
- motion tracking
- motorised rotation
- motion detection angle: 100°
- motion detection range: 10 meters
- human body recognition



H4052 1/-/-/6
30 24 040 520 IP-500 GUARD

Outdoor IP cameras



- Surveillance of exteriors of commercial and private buildings
- Alerts of unusual activity sent to mobile devices
- High weather resistance - IP65
- Two-way voice communication to deter intruders
- Automatic video and audio recording when motion is detected
- Connection to home network via WIFI protocol
- Compatible with EMOS GoSmart products and TUYA devices
- Voice control with Google Assistant and Amazon Alexa



- automatic image saving
- setting the detection area
- night vision
- camera viewing angle: 130°
- IP rating: IP65
- camera resolution: 1 920 × 1 080
- motion detection
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- transmission frequency: 2.4 GHz WIFI
- voice communication: two-way
- motion detection angle: 120°
- motion detection range: 9 metres
- human body recognition



H4053 1/-/-/14
30 24 040 530 IP-200 SNAP

- automatic image saving
- setting the detection area
- night vision
- camera viewing angle: 130°
- IP rating: IP65
- camera resolution: 1 920 × 1 080
- motion detection
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- transmission frequency: 2.4 GHz WIFI
- voice communication: two-way
- motion tracking
- motorised rotation
- motion detection angle: 120°
- motion detection range: 10 meters



H4054 1/-/-/4
30 24 040 540 IP-300 TORCH

- automatic image saving
- setting the detection area
- night vision
- camera viewing angle: 130°
- IP rating: IP65
- camera resolution: 1 920 × 1 080
- motion detection
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- transmission frequency: 2.4 GHz WIFI
- voice communication: two-way
- motion tracking
- motorised rotation
- motion detection angle: 120°
- motion detection range: 10 meters



H4055 1/-/-/4
30 24 040 550 IP-300 TORCH

- automatic image saving
- night vision
- camera viewing angle: 110°
- IP rating: IP55
- camera resolution: 1 920 × 1 080
- motion detection
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- transmission frequency: 2.4 GHz WIFI
- voice communication: two-way
- motion detection angle: 120°
- motion detection range: 10 meters
- human body recognition

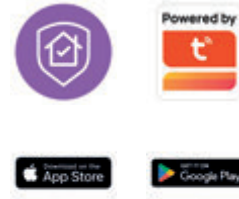


H4056 1/-/-/5
30 24 040 560 IP-600 EYE



Video door phones

- Perfect access control for commercial and private properties
- Unusual activity alerts sent to mobile devices
- Two-way communication with the visitor without opening the door
- Automatic video and audio recording when motion is detected
- Night vision for perfect images in all lighting conditions
- With accessories, the ability to secure multiple homes at once
- Compatible with EMOS GoSmart products and TUYA devices

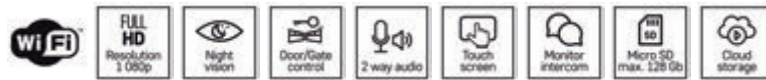


- product: video set
- screen size: 7
- possibility to record
- lock control
- intercom
- power supply for the screen: 12 V DC (included)
- optional connection of CCTV camera
- monitor size: 175 × 118 × 25 mm
- dimensions of the camera unit: 142 × 44 × 21 mm
- camera viewing angle: 160°
- packaging: 1 pc, box
- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife,
- protocol: Wi-fi
- connectivity: 2.4 GHz WIFI
- voice communication: two-way



H4010 1/-/-/4
30 10 040 100 IP-700A

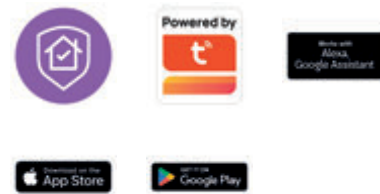
- product: additional monitor
- screen size: 7
- lock and gate control
- intercom
- power supply for the monitor: 12 V DC (included)
- recommended camera unit: H3016, H3017, H3018,
- monitor size: 175 × 118 × 18 mm
- packaging: 1 pc, box



H4011 1/-/-/6
30 10 040 110 IP-700B

Video doorbells

- Perfect access control for commercial and private properties
- Unusual activity alerts sent to mobile devices
- Two-way communication with the visitor without opening the door
- Automatic video and audio recording when motion is detected
- Night vision for perfect images in all lighting conditions
- Different power supply options for rooms w/o cable distribution
- Compatibility with EMOS GoSmart products and TUYA devices
- Voice control with Google Assistant and Amazon Alexa



- lock control
- additional indoor bell
- camera viewing angle: 110°
- camera resolution: 1 920 × 1 080
- motion detection
- IR CUT
- siren
- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- transmission frequency: 2.4 GHz WIFI
- SD card storage
- cloud storage
- anti-theft protection
- control by voice assistants
- voice communication: two-way
- notifications to the mobile app
- WebRTC function



H4030 1/-/-/8
30 10 040 300 IP-09D DC

- lock control
- additional indoor bell
- camera viewing angle: 110°
- camera resolution: 1 920 × 1 080
- motion detection
- IR CUT
- siren
- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- transmission frequency: 2.4 GHz WIFI
- SD card storage
- cloud storage
- anti-theft protection
- control by voice assistants
- voice communication: two-way
- notifications to the mobile app
- WebRTC function



H4031
30 10 040 310

1/-/-12
IP-09C

- additional indoor bell
- camera viewing angle: 130°
- camera resolution: 1 920 × 1 080
- motion detection
- IR CUT
- siren: no
- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- transmission frequency: 2.4 GHz WIFI
- SD card storage
- cloud storage
- anti-theft protection
- control by voice assistants
- voice communication: two-way
- notifications to the mobile app
- WebRTC function



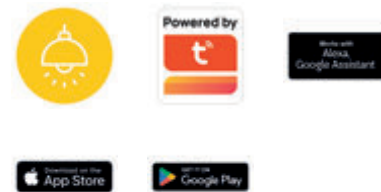
H4032
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1/-/-10
IP-15S

Luminaires and Light Sources

Bulbs

- Remote light on/off
- Brightness, light colour and chromaticity temperature control
- Energy saving with automatic switch-off and dimming options
- Set unique lighting scenes for different activities
- Easy to install and create automations
- Connection to the home network via WIFI protocol
- Compatibility with EMOS GoSmart products and TUYA devices
- Voice control with Google Assistant and Amazon Alexa



- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- control by voice assistants
- notifications to the mobile app
- transmission frequency: 2.4 GHz WIFI
- replacement of incandescent bulb: 60 W
- dimmable
- shape: A60
- luminous flux: 806 lm
- color temperature: 2 700–6 500 K
- power: 9 W
- luminous efficacy: 90 lm/W
- energy efficiency class: F
- beam angle: 200°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 60 × 60 × 120 mm

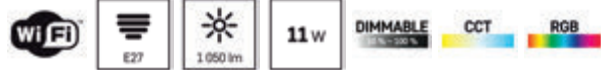


ZQW514R
15 20 503 500

1/-/10/40
ZQW514R

- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- control by voice assistants
- notifications to the mobile app
- transmission frequency: 2.4 GHz WIFI
- replacement of incandescent bulb: 75 W
- dimmable
- shape: A60

- color temperature: 2 700–6 500 K
- power: 11 W
- luminous efficacy: 95 lm/W
- energy efficiency class: F
- beam angle: 200°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 60 × 60 × 125 mm
- packaging: 1 pc, small box



ZQW515R 1/-/10/40
15 20 503 501 ZQW515R

- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- control by voice assistants
- notifications to the mobile app
- transmission frequency: 2.4 GHz WIFI
- replacement of incandescent bulb: 94 W
- dimmable
- shape: A65

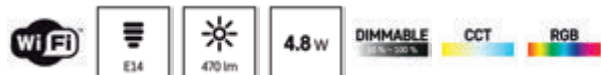
- luminous flux: 1 400 lm
- color temperature: 2 700–6 500 K
- power: 14 W
- luminous efficacy: 100 lm/W
- energy efficiency class: F
- beam angle: 200°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 65 × 65 × 134 mm



ZQW516R 1/-/10/40
15 20 503 502 ZQW516R

- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- control by voice assistants
- notifications to the mobile app
- transmission frequency: 2.4 GHz WIFI
- replacement of incandescent bulb: 40 W
- dimmable
- shape: Candle

- luminous flux: 470 lm
- color temperature: 2 700–6 500 K
- power: 4.8 W
- luminous efficacy: 98 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 36,5 × 36,5 × 110 mm



ZQW322R 1/-/10/60
15 25 501 500 ZQW322R

- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- control by voice assistants
- notifications to the mobile app
- transmission frequency: 2.4 GHz WIFI
- replacement of incandescent bulb: 35 W
- dimmable
- shape: MR16

- luminous flux: 400 lm
- color temperature: 2 700–6 500 K
- power: 4.8 W
- luminous efficacy: 83 lm/W
- energy efficiency class: G
- beam angle: 120°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 50 × 50 × 56.5 mm



ZQW832R 1/-/10/90
15 25 500 500 ZQW832R

- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- control by voice assistants
- notifications to the mobile app
- transmission frequency: ZigBee 2.4 GHz
- replacement of incandescent bulb: 60 W
- dimmable
- shape: A60

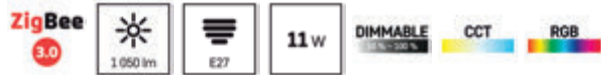
- luminous flux: 806 lm
- color temperature: 2 700–6 500 K
- power: 9 W
- luminous efficacy: 90 lm/W
- energy efficiency class: F
- beam angle: 200°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 60 × 60 × 120 mm



ZQZ514R 1/-/10/40
15 25 753 500 ZQZ514R

- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- control by voice assistants
- notifications to the mobile app
- transmission frequency: ZigBee 2.4 GHz
- replacement of incandescent bulb: 75 W
- dimmable
- shape: A60

- color temperature: 2 700–6 500 K
- power: 11 W
- luminous efficacy: 95 lm/W
- energy efficiency class: F
- beam angle: 200°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 60 × 60 × 125 mm
- packaging: 1 pc, small box



ZQZ515R 1/-/10/40
15 25 753 501 ZQZ515R

- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- control by voice assistants
- notifications to the mobile app
- transmission frequency: ZigBee 2.4 GHz
- replacement of incandescent bulb: 94 W
- dimmable
- shape: A60

- luminous flux: 1 400 lm
- color temperature: 2 700–6 500 K
- power: 14 W
- luminous efficacy: 100 lm/W
- energy efficiency class: F
- beam angle: 200°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 65 × 65 × 134 mm



ZQZ516R 1/-/10/40
15 25 753 502 ZQZ516R

- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- control by voice assistants
- notifications to the mobile app
- transmission frequency: ZigBee 2.4 GHz
- replacement of incandescent bulb: 40 W
- dimmable
- shape: Candle

- luminous flux: 470 lm
- color temperature: 2 700–6 500 K
- power: 4.8 W
- luminous efficacy: 98 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 36,5 × 36,5 × 110 mm



ZQZ322R 1/-/10/60
15 25 751 500 ZQZ322R

- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- control by voice assistants
- notifications to the mobile app
- transmission frequency: ZigBee 2.4 GHz
- replacement of incandescent bulb: 35 W
- dimmable
- shape: MR16

- luminous flux: 400 lm
- color temperature: 2 700–6 500 K
- power: 4.8 W
- luminous efficacy: 83 lm/W
- energy efficiency class: G
- beam angle: 120°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 50 × 50 × 56.5 mm



ZQZ832R 1/-/10/90
15 25 750 500 ZQZ832R

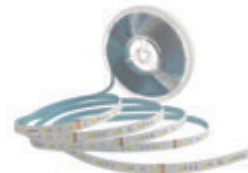
Strips



- Remote light on/off
- Brightness, light colour and chromaticity temperature control
- Energy saving with automatic switch-off and dimming options
- Set unique lighting scenes for different activities
- Easy to install and create automations
- Network connectivity using WIFI or Zigbee protocols
- Compatibility with EMOS GoSmart products and TUYA devices
- Voice control with Google Assistant and Amazon Alexa

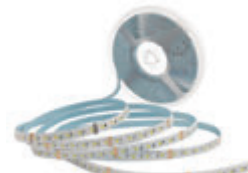


- protocol: WIFI + BLE
- power: 11 W
- luminous flux: 450 lm
- color temperature: 3 000–6 500 K
- light color: warm white-cool white
- luminous efficacy: 38 lm/W
- colour settings (RGB)
- supported OS: iOS, Android
- transmission frequency: 2.4 GHz WiFi
- compatibility: EMOS GoSmart, Tuya, Lidl, Smartlife
- IP rating: IP44
- length: 2 m
- width: 12 mm
- supply line length: 1.55 m



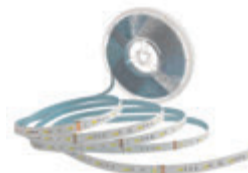
ZPW218R 1/-/-/10
15 51 021 800 ZPW218R

- protocol: WIFI + BLE
- power: 18 W
- luminous flux: 1 400 lm
- color temperature: 3 000–6 500 K
- light color: warm white-cool white
- luminous efficacy: 72 lm/W
- colour settings (RGB)
- supported OS: iOS, Android
- transmission frequency: 2.4 GHz WiFi
- compatibility: EMOS GoSmart, Tuya, Lidl, Smartlife
- IP rating: IP44
- length: 2 m
- width: 10 mm
- supply line length: 1.55 m



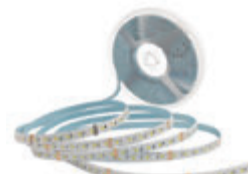
ZPW252R 1/-/-/10
15 51 025 200 ZPW252R

- protocol: WIFI + BLE
- power: 22 W
- luminous flux: 1 000 lm
- color temperature: 3 000–6 500 K
- light color: warm white-cool white
- luminous efficacy: 42 lm/W
- colour settings (RGB)
- supported OS: iOS, Android
- transmission frequency: 2.4 GHz WiFi
- compatibility: EMOS GoSmart, Tuya, Lidl, Smartlife
- IP rating: IP44
- length: 5 m
- width: 12 mm
- supply line length: 1.55 m



ZPW518R 1/-/-/10
15 51 051 800 ZPW518R

- protocol: WIFI + BLE
- power: 34 W
- luminous flux: 2 500 lm
- color temperature: 3 000–6 500 K
- light color: warm white-cool white
- luminous efficacy: 68 lm/W
- colour settings (RGB)
- supported OS: iOS, Android
- transmission frequency: 2.4 GHz WiFi
- compatibility: EMOS GoSmart, Tuya, Lidl, Smartlife
- IP rating: IP44
- length: 5 m
- width: 10 mm
- supply line length: 1.55 m



ZPW552R 1/-/-/10
15 51 055 200 ZPW552R



- protocol: WIFI + BLE
- power: 18 W
- luminous flux: 1 400 lm
- color temperature: 3 000-6 500 K
- light color: warm white-cool white
- luminous efficacy: 72 lm/W
- colour settings (RGB)
- supported OS: iOS, Android
- transmission frequency: 2.4 GHz WiFi
- compatibility: EMOS GoSmart, Tuya, Lidl, Smartlife
- IP rating: IP44
- length: 2 m
- width: 10 mm
- supply line length: 1.55 m



ZPZ252R 1/-/-/10
15 51 125 200 ZPZ252R

- protocol: WIFI + BLE
- power: 34 W
- luminous flux: 2 500 lm
- color temperature: 3 000-6 500 K
- light color: warm white-cool white
- luminous efficacy: 68 lm/W
- colour settings (RGB)
- supported OS: iOS, Android
- transmission frequency: 2.4 GHz WiFi
- compatibility: EMOS GoSmart, Tuya, Lidl, Smartlife
- IP rating: IP44
- length: 5 m
- width: 10 mm
- supply line length: 1.55 m

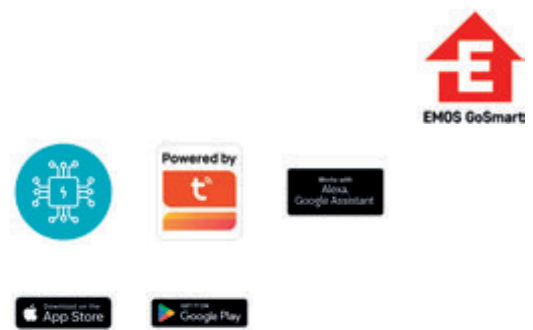


ZPZ552R 1/-/-/10
15 51 155 200 ZPZ552R

Wiring and Control

Scenic switches

- Control multiple electrical devices or lights at once
- Define trigger events for individual buttons
- Long power supply battery life - up to 2 years
- Installation without pulling electrical cables
- Three-position buttons - press, double press, long press
- Communication via Zigbee protocol
- Compatible with EMOS GoSmart products and TUYA devices
- Voice control with Google Assistant and Amazon Alexa



- product: IP Smart Scene Switcher
- connectivity: ZigBee 2.4 GHz
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- pairing: automatic, manual
- use: automation
- number of control buttons: 1
- power supply: CR 2430 3 V
- supported OS: Android, iOS



H5011 1/-/-/60
30 69 050 110 IP-2001ZW

- product: IP Smart Scene Switcher
- connectivity: ZigBee 2.4 GHz
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- pairing: automatic, manual
- use: automation
- number of control buttons: 2
- power supply: CR 2430 3 V
- supported OS: Android, iOS



H5012
30 69 050 120

1/-/-/60
IP-2002ZW

- product: IP Smart Scene Switcher
- connectivity: ZigBee 2.4 GHz
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- pairing: automatic, manual
- use: automation
- number of control buttons: 4
- power supply: CR 2430 3 V
- supported OS: Android, iOS



H5013
30 69 050 130

1/-/-/60
IP-2004ZW

- product: IP Smart Scene Switcher
- connectivity: ZigBee 2.4 GHz
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- pairing: automatic, manual
- use: automation
- number of control buttons: 1
- power supply: CR 2430 3 V
- supported OS: Android, iOS



H5014
30 69 050 140

1/-/-/60
IP-2001ZB

- product: IP Smart Scene Switcher
- connectivity: ZigBee 2.4 GHz
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- pairing: automatic, manual
- use: automation
- number of control buttons: 2
- power supply: CR 2430 3 V
- supported OS: Android, iOS



H5015
30 69 050 150

1/-/-/60
IP-2002ZB

- product: IP Smart Scene Switcher
- connectivity: ZigBee 2.4 GHz
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- pairing: automatic, manual
- use: automation
- number of control buttons: 4
- power supply: CR 2430 3 V
- supported OS: Android, iOS



H5016
30 69 050 160

1/-/-/60
IP-2004ZB

Zigbee gateways



- To expand the smart home with additional sensors and products
- Allows automation settings for added sensors and products
- Communication protocols Wi-Fi/Zigbee 3.0/BLE/SigMesh
- Compatibility with EMOS GoSmart products and TUYA devices



H5001

1/-/-120

30 69 050 010

IP-1000Z

- product: IP gateway
 - connectivity: 2.4 GHz WIFI
 - maximum number of connected clients: 50
 - compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
 - protocol: Wi-Fi/Zigbee 3.0/BLE/SigMesh
 - pairing: automatic, manual
 - use: automation
 - number of control buttons: 1
 - power supply: 5 V DC/1.0 A
- supported OS: Android, iOS



Extension cords



- Remote on/off switching of connected appliances
- Overview of electricity consumption of connected appliances
- Schedule creation and automatic ON/OFF settings
- Connection to the home network via WIFI protocol
- Compatibility with EMOS GoSmart products and TUYA devices
- Voice control with Google Assistant and Amazon Alexa



P1422ST

1/-/-/8

19 22 940 200

P1422ST

- length: 2 m
 - number of sockets: 4x 2P + PE SCHUKO
 - voltage/current: 250 V~/16 A max.
 - maximum load: 3 680 W
 - type of insulation: PVC
 - conductor: H05VV-F3G 1.5 mm²
 - material of the sockets + plugs: plastic
 - packaging: 1 pc, box
 - supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife,
 - protocol: Wi-Fi
 - transmission frequency: 2.4 GHz WIFI
 - control by voice assistants
 - notifications to the mobile app



Sockets

- Remote on/off switching of connected appliances
- Overview of electricity consumption of connected appliances
- Schedule creation and automatic ON/OFF settings
- Setting up delayed shutdown of appliances
- Network connection via WIFI or Bluetooth protocols
- Compatibility with EMOS GoSmart products and TUYA devices
- Voice control with Google Assistant and Amazon Alexa



P5531

1/-/32

19 36 055 310

IP-3002S

- product: Wi-Fi socket
 - maximum load: 3 680 W
 - voltage/current: 230 V~/16 A max.
 - transmission frequency: 2.4 GHz WIFI
 - children protection
 - supported OS: Android, iOS
 - compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
 - protocol: Wi-Fi
 - control by voice assistants
- notifications to the mobile app



Measurement and Control

Thermostats

- Reduce heating/cooling costs for buildings
- Individual temperature settings for different rooms
- Set temperature scenarios for specific day and time
- Control all settings from anywhere using the app
- Heating or air conditioning control based on GPS location
- Connection via WIFI or Zigbee protocols
- Compatibility with EMOS GoSmart products and TUYA devices
- Voice control with Google Assistant and Amazon Alexa



P56201

1/-/12

21 01 900 000

P56201

thermostat type: wire = type of control: programmable electronic room thermostat, option to control via mobile phone (iOS, Android) = backlight display = control mode: heating and cooling system = number of programs: customisable temperature (6× per day) = temperature adjustment type: 6 temperature changes per day = temperature measurement: 0 °C to 40 °C, resolution 0.1 °C = temperature adjustment: from 5 °C up to 35 °C, after 0.5 °C = anti-frost protection = ON/OFF function = holiday mode = switching: voltage 230 V AC, 50 Hz = switching load: 6 A resistive, 2 A inductive = power source: 230 V AC = dimensions: 138 × 88 × 33 mm



thermostat type: wireless = type of control: programmable electronic room thermostat, option to control via mobile phone (iOS, Android) = backlight display = control mode: heating and cooling system = number of programs: customisable temperature (6× per day) = temperature adjustment type: 6 temperature changes per day = temperature measurement: 0 °C to 40 °C, resolution 0.1 °C = temperature adjustment: from 5 °C up to 35 °C, after 0.5 °C = anti-frost protection = ON/OFF function = holiday mode = switching: 230 V AC or potential-free = switching load: 16 A resistive, 4 A inductive = power of transmitter: 5 V USB adapter (included) = power of receiver: 230 V AC = receiver's dimension: 37 × 86 × 86 mm = transmitter's dimension: 40 × 138 × 96 mm



P56211 1/-/-/9
21 01 900 001 P56211

thermostat type: wired for underfloor heating = type of control: programmable electronic room thermostat, option to control via mobile phone (iOS, Android) = backlight display = control mode: heating system = number of programs: customisable temperature (6× per day) = temperature adjustment type: 6 temperature changes per day = temperature measurement: 0 °C to 95 °C, resolution 0.5 °C = temperature adjustment: from 1 °C up to 70 °C, after 0.5 °C = anti-frost protection = ON/OFF function = holiday mode = switching: voltage 230 V AC, 50 Hz = switching load: 16 A resistive = power source: 230 V AC = dimensions: 86 × 86 × 43 mm = part of the package: thermostat, floor sensor 3 m, Ø 8 mm



P56201UF 1/-/-/36
21 01 900 002 P56201UF

thermo shut-off valve: SMART, programmable = number of programs: 1 customisable programme or customisable temperature (6× per day) = temperature adjustment type: 6 temperature changes per day = temperature measurement: 0 °C to 70 °C, resolution 0.5 °C = temperature adjustment: 1 °C to 70 °C, resolution 0.5 °C = anti-frost protection = holiday mode = open window function = child lock = matrix: M30 × 1.5 mm = enclosed adaptors: Danfoss RA, RAV, RAVL = power source: 2× 1.5 V AA (included) = dimensions: 55 × 94 × 55 mm = packaging: 1 pc, small box



P5630S 1/-/-/24
21 01 900 003 P5630S

Batteries



GP Batteries

GP Consumer batteries

GP Alkaline

GP Ultra Plus



- most powerful line of GP alkaline batteries
- for demanding devices requiring maximum performance
- up to 60 % more power than standard alkaline batteries
- long lasting performance
- operating temperature from -20 °C to +54 °C
- shelf life up to 10 years



- chemical constitution: alkaline
- type: LR6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 24 g
- operating temperature: -20 °C to +54 °C
- packaging: 2 pcs, blister



B17212

2/-/20/160

10 17 212 000

GP 15AUP

- chemical constitution: alkaline
- type: LR6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 24 g
- operating temperature: -20 °C to +54 °C
- packaging: 4 pcs, blister



B1721

4/-/40/320

10 17 214 000

GP 15AUP

- chemical constitution: alkaline
- type: LR6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 24 g
- operating temperature: -20 °C to +54 °C
- packaging: 8 pcs, blister



B17218

8/-/64/512

10 17 208 000

GP 15AUP

- chemical constitution: alkaline
- type: LR03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 12 g
- operating temperature: -20 °C to +54 °C
- packaging: 2 pcs, blister



B17112

2/-/20/160

10 17 112 000

GP 24AUP

- chemical constitution: alkaline
- type: LR03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 12 g
- operating temperature: -20 °C to +54 °C
- packaging: 4 pcs, blister



B1711

4/-/40/320

10 17 114 000

GP 24AUP

- chemical constitution: alkaline
- type: LR03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 12 g
- operating temperature: -20 °C to +54 °C
- packaging: 8 pcs, blister



B17118

8/-/64/512

10 17 108 000

GP 24AUP

- chemical constitution: alkaline
- type: LR14 (C battery)
- voltage: 1.5 V
- dimensions: 26.2 × 50.0 mm
- weight: 70 g
- operating temperature: -20 °C to +54 °C
- packaging: 2 pcs, blister



B1731

2/-/20/160

10 17 312 000

GP 14AUP

- chemical constitution: alkaline
- type: LR20 (D battery)
- voltage: 1.5 V
- dimensions: 34.2 × 61.5 mm
- weight: 138 g
- operating temperature: -20 °C to +54 °C
- packaging: 2 pcs, blister



B1741

2/20/-/80

10 17 412 000

GP 13AUP

- chemical constitution: alkaline
- type: 6LF22 9 V
- voltage: 9 V
- dimensions: 26.5 × 17.5 × 48.5 mm
- weight: 48 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



B1751

1/-/10/200

10 17 511 000

GP 1604AUP

GP Ultra



- suitable for devices with medium power consumption
- up to 30 % more power than standard alkaline batteries
- operating temperature from -20 °C to +54 °C
- shelf life up to 10 years



- chemical constitution: alkaline
- type: LR6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 23 g
- operating temperature: -20 °C to +54 °C
- packaging: 2 pcs, shrink



B1920

2/40/200/1 000

10 14 202 000

GP 15AU

- chemical constitution: alkaline
- type: LR6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 23 g
- operating temperature: -20 °C to +54 °C
- packaging: 4 pcs, blister



B1921

4/-/40/320

10 14 214 000

GP 15AU

- chemical constitution: alkaline
- type: LR6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 23 g
- operating temperature: -20 °C to +54 °C
- packaging: 8 pcs, blister



B19218

8/-/96/576

10 14 218 000

GP 15AU

- chemical constitution: alkaline
- type: LR6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 23 g
- operating temperature: -20 °C to +54 °C
- packaging: 10 pcs, blister



B1921G

10/-/80/480

10 14 200 101

GP 15AU

- chemical constitution: alkaline
- type: LR03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 12 g
- operating temperature: -20 °C to +54 °C
- packaging: 2 pcs, shrink



B1910

2/40/200/1 000

10 14 102 000

GP 24AU

- chemical constitution: alkaline
- type: LR03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 12 g
- operating temperature: -20 °C to +54 °C
- packaging: 4 pcs, blister



B1911

4/-/40/320

10 14 114 000

GP 24AU

- chemical constitution: alkaline
- type: LR03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 12 g
- operating temperature: -20 °C to +54 °C
- packaging: 8 pcs, blister



B19118

8/-/96/768

10 14 118 000

GP 24AU



- chemical constitution: alkaline
- type: LR03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 12 g
- operating temperature: -20 °C to +54 °C
- packaging: 10 pcs, blister



B1911G 10/-/80/640
10 14 100 101 GP 24AU

- chemical constitution: alkaline
- type: LR14 (C battery)
- voltage: 1.5 V
- dimensions: 26.2 × 50.0 mm
- weight: 70 g
- operating temperature: -20 °C to +54 °C
- packaging: 2 pcs, shrink



B1930 2/-/24/192
10 14 302 000 GP 14AU

- chemical constitution: alkaline
- type: LR14 (C battery)
- voltage: 1.5 V
- dimensions: 26.2 × 50.0 mm
- weight: 70 g
- operating temperature: -20 °C to +54 °C
- packaging: 2 pcs, blister



B1931 2/-/20/160
10 14 312 000 GP 14AU

- chemical constitution: alkaline
- type: LR20 (D battery)
- voltage: 1.5 V
- dimensions: 34.2 × 61.5 mm
- weight: 142 g
- operating temperature: -20 °C to +54 °C
- packaging: 2 pcs, shrink



B1940 2/-/20/80
10 14 402 000 GP 13AU

- chemical constitution: alkaline
- type: LR20 (D battery)
- voltage: 1.5 V
- dimensions: 34.2 × 61.5 mm
- weight: 142 g
- operating temperature: -20 °C to +54 °C
- packaging: 2 pcs, blister



B1941 2/-/20/80
10 14 412 000 GP 13AU

- chemical constitution: alkaline
- type: 6LF22 9 V
- voltage: 9 V
- dimensions: 26.5 × 17.5 × 48.5 mm
- weight: 48 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, shrink



B1950 1/10/50/300
10 14 501 000 GP 1604AU

- chemical constitution: alkaline
- type: 6LF22 9 V
- voltage: 9 V
- dimensions: 26.5 × 17.5 × 48.5 mm
- weight: 48 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



B1951 1/-/10/200
10 14 511 000 GP 1604AU

GP Super



- basic series of GP alkaline batteries
- for use in devices with low power consumption
- up to 7× more energy than standard zinc-carbon batteries
- operating temperature from -20 °C to +54 °C
- shelf life up to 10 years



- chemical constitution: alkaline
- type: LR6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 24 g
- operating temperature: -20 °C to +54 °C
- packaging: 2 pcs, shrink



B1320 2/40/200/600
10 13 202 000 GP 15A

- chemical constitution: alkaline
- type: LR6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 24 g
- operating temperature: -20 °C to +54 °C
- packaging: 10 pcs, shrink



B1320G 10/-/160/480
10 13 200 102 GP 15A

- chemical constitution: alkaline
- type: LR6 (AA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 24 g
- operating temperature: -20 °C to +54 °C
- packaging: 140 pcs, display box



B1321G 140/-/-/560
10 13 200 201 GP 15A

- chemical constitution: alkaline
- type: LR6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 24 g
- operating temperature: -20 °C to +54 °C
- packaging: 20 pcs, shrink



B1320L 20/-/240/480
10 13 200 210



- chemical constitution: alkaline
- type: LR6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 24 g
- operating temperature: -20 °C to +54 °C
- packaging: 4 pcs, blister



B1321 4/-/40/320
10 13 214 000 GP 15A



- chemical constitution: alkaline
- type: LR6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 24 g
- operating temperature: -20 °C to +54 °C
- packaging: 8 pcs, blister



B13218 8/-/96/576
10 13 218 000 GP 15A



- chemical constitution: alkaline
- type: LR03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 11.4 g
- operating temperature: -20 °C to +54 °C
- packaging: 2 pcs, shrink



B1310 2/40/200/1 000
10 13 102 000 GP 24A



- chemical constitution: alkaline
- type: LR03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 11.4 g
- operating temperature: -20 °C to +54 °C
- packaging: 10 pcs, shrink



B1310G

10/320/-/960

10 13 100 102

GP 24A

- chemical constitution: alkaline
- type: LR03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 11.4 g
- operating temperature: -20 °C to +54 °C
- packaging: 200 pcs, display box



B1311G

200/-/-/800

10 13 100 201

GP 24A

- chemical constitution: alkaline
- type: LR03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 11.4 g
- operating temperature: -20 °C to +54 °C
- packaging: 20 pcs, shrink



B1310L

20/-/320/960

10 13 100 210

- chemical constitution: alkaline
- type: LR03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 11.4 g
- operating temperature: -20 °C to +54 °C
- packaging: 4 pcs, blister



B1311

4/-/40/320

10 13 114 000

GP 24A

- chemical constitution: alkaline
- type: LR03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 11.4 g
- operating temperature: -20 °C to +54 °C
- packaging: 8 pcs, blister



B13118

8/-/96/768

10 13 118 000

GP 24A

- chemical constitution: alkaline
- type: LR14 (C battery)
- voltage: 1.5 V
- dimensions: 26.2 × 50.0 mm
- weight: 60 g
- operating temperature: -20 °C to +54 °C
- packaging: 2 pcs, shrink



B1330

2/-/24/192

10 13 302 000

GP 14A



- chemical constitution: alkaline
- type: LR14 (C battery)
- voltage: 1.5 V
- dimensions: 26.2 × 50.0 mm
- weight: 60 g
- operating temperature: -20 °C to +54 °C
- packaging: 4 pcs, shrink



B13304

4/-/48/192

10 13 304 000

GP 14A



- chemical constitution: alkaline
- type: LR14 (C battery)
- voltage: 1.5 V
- dimensions: 26.2 × 50.0 mm
- weight: 60 g
- operating temperature: -20 °C to +54 °C
- packaging: 2 pcs, blister



B1331

2/-/20/160

10 13 312 000

GP 14A



- chemical constitution: alkaline
- type: LR20 (D battery)
- voltage: 1.5 V
- dimensions: 34.2 × 61.5 mm
- weight: 135 g
- operating temperature: -20 °C to +54 °C
- packaging: 2 pcs, shrink



B1340

2/-/20/80

10 13 402 000

GP 13A



- chemical constitution: alkaline
- type: LR20 (D battery)
- voltage: 1.5 V
- dimensions: 34.2 × 61.5 mm
- weight: 135 g
- operating temperature: -20 °C to +54 °C
- packaging: 4 pcs, shrink



B13404

4/-/48/144

10 13 404 000

GP 13A



- chemical constitution: alkaline
- type: LR20 (D battery)
- voltage: 1.5 V
- dimensions: 34.2 × 61.5 mm
- weight: 135 g
- operating temperature: -20 °C to +54 °C
- packaging: 2 pcs, blister



B1341

2/-/20/80

10 13 412 000

GP 13A

- chemical constitution: alkaline
- type: 6LR61 9 V
- voltage: 9 V
- dimensions: 26.5 × 17.5 × 48.5 mm
- weight: 47 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, shrink



B1350

1/10/50/300

10 13 501 000

GP 1604A

- chemical constitution: alkaline
- type: 6LF22 9 V (1604)
- voltage: 9 V
- dimensions: 26.5 × 17.5 × 48.5 mm
- weight: 47 g
- operating temperature: -20 °C to +60 °C
- packaging: 4 pcs, shrink



B13504

4/-/32/256

10 13 504 000

GP 1604A

- chemical constitution: alkaline
- type: 6LR61 9 V
- voltage: 9 V
- dimensions: 26.5 × 17.5 × 48.5 mm
- weight: 47 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



B1351

1/-/10/200

10 13 511 000

GP 1604A

- chemical constitution: alkaline
- type: LR6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 24 g
- operating temperature: -20 °C to +54 °C
- packaging: 288 pcs, display box



B1320T2

288/-/288/576

10 13 200 125

GP 15A

- chemical constitution: alkaline
- type: LR6 (AA battery)/LR03 (AAA battery)
- voltage: 1.5 V
- weight: 24 g
- operating temperature: -20 °C to +54 °C
- packaging: 2 304 pcs (AA) + 1 728 pcs (AAA)



B1320T5 1/-/-1
10 13 004 032 GP 15A

- chemical constitution: alkaline
- type: LR03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 11.4 g
- operating temperature: -20 °C to +54 °C
- packaging: 288 pcs, display box



B1310T2 288/-/288/1 152
10 13 200 126 GP 24A

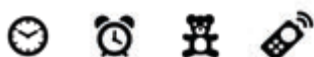
GP Alkaline



- ideal for devices with low power consumption
- operating temperature from -20 °C to +54 °C
- shelf life up to 7 years

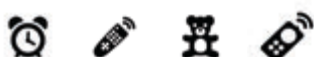


- chemical constitution: alkaline
- type: LR6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 24 g
- operating temperature: -20 °C to +54 °C
- packaging: 4 pcs, blister



BA1321 4/-/40/320
10 13 214 010 GP 15AB

- chemical constitution: alkaline
- type: LR03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 11.4 g
- operating temperature: -20 °C to +54 °C
- packaging: 4 pcs, blister



BA1311 4/-/40/320
10 13 114 010 GP 24AB

GP Batteries

GP Consumer batteries

GP Carbon Zinc

GP Greencell



- advanced version of zinc-carbon batteries
- operating temperature from -20 °C to +40 °C
- shelf life up to 3 years



- chemical constitution: zinc-chloride
- type: R6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 17.3 g
- operating temperature: 0 °C to +45 °C
- packaging: 4 pcs, shrink



B1220

4/40/200/1 000

10 12 204 000

GP 15G

- chemical constitution: zinc-chloride
- type: R6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 17.3 g
- operating temperature: 0 °C to +45 °C
- packaging: 12 pcs, shrink



B1220F

12/-/204/612

10 12 209 002

GP 15G

- chemical constitution: zinc-chloride
- type: R6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 17.3 g
- operating temperature: 0 °C to +45 °C
- packaging: 4 pcs, blister



B1221

4/-/72/288

10 12 214 000

GP 15G

- chemical constitution: zinc-chloride
- type: R03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 8.5 g
- operating temperature: 0 °C to +45 °C
- packaging: 4 pcs, shrink



B12104 4/40/200/1 000
10 12 104 000 GP 24G

- chemical constitution: zinc-chloride
- type: R03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 8.5 g
- operating temperature: 0 °C to +45 °C
- packaging: 12 pcs, shrink



B1210F 12/-/204/612
10 12 109 002 GP 24G

- chemical constitution: zinc-chloride
- type: R03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 8.5 g
- operating temperature: 0 °C to +45 °C
- packaging: 4 pcs, blister



B1211 4/-/40/480
10 12 114 000 GP 24G

- chemical constitution: zinc-chloride
- type: R14 (C battery)
- voltage: 1.5 V
- dimensions: 26.2 × 50.0 mm
- weight: 48 g
- operating temperature: 0 °C to +45 °C
- packaging: 2 pcs, shrink



B1230 2/-/24/240
10 12 302 000 GP 14G

- chemical constitution: zinc-chloride
- type: R14 (C battery)
- voltage: 1.5 V
- dimensions: 26.2 × 50.0 mm
- weight: 48 g
- operating temperature: 0 °C to +45 °C
- packaging: 2 pcs, blister



B1231 2/-/20/240
10 12 312 000 GP 14G

- chemical constitution: zinc-chloride
- type: R20 (D battery)
- voltage: 1.5 V
- dimensions: 34.2 × 61.5 mm
- weight: 97 g
- operating temperature: 0 °C to +45 °C
- packaging: 2 pcs, shrink



B1240

2/-/20/120

10 12 402 000

GP 13G

- chemical constitution: zinc-chloride
- type: R20 (D battery)
- voltage: 1.5 V
- dimensions: 34.2 × 61.5 mm
- weight: 97 g
- operating temperature: 0 °C to +45 °C
- packaging: 2 pcs, blister



B1241

2/-/20/120

10 12 412 000

GP 13G

- chemical constitution: zinc-chloride
- type: 6F22 9 V (1604)
- voltage: 9 V
- dimensions: 26.5 × 17.5 × 48.5 mm
- weight: 36 g
- operating temperature: 0 °C to +45 °C
- packaging: 1 pc, shrink



B1250

1/10/-/300

10 12 501 000

GP 1604GLF

- chemical constitution: zinc-chloride
- type: 6F22 9 V (1604)
- voltage: 9 V
- dimensions: 26.5 × 17.5 × 48.5 mm
- weight: 36 g
- operating temperature: 0 °C to +45 °C
- packaging: 1 pc, blister



B1251

1/-/10/200

10 12 511 000

GP 1604GLF

- chemical constitution: zinc-chloride
- type: 3R12 4.5 V (lantern battery)
- voltage: 4.5 V
- dimensions: 62 × 22 × 67 mm
- weight: 115 g
- operating temperature: 0 °C to +45 °C
- packaging: 1 pc, shrink



B1260

1/-/20/120

10 12 601 000

GP 312G

GP Supercell



- for devices with low power consumption
- operating temperature from -20 °C to +40 °C
- shelf life up to 3 years



- chemical constitution: zinc-carbon
- type: R6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 14.6 g
- operating temperature: 0 °C to +45 °C
- packaging: 2 pcs, shrink



4 891199 030956

B11202

2/40/200/800

10 11 202 001

GP 15PL

- chemical constitution: zinc-carbon
- type: R03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 8.5 g
- operating temperature: 0 °C to +45 °C
- packaging: 2 pcs, shrink



4 891199 008009

B1110

2/40/200/1 000

10 11 102 000

GP 24PL

GP Batteries

GP Consumer batteries

GP Other batteries

GP Lithium cylindrical



- 1/3rd lighter and 7× stronger than standard alkaline batt.
- use modern technologies for maximum battery safety
- best choice for professionals
- for capturing up to 800 photos
- outstanding performance at high power consumption
- ideal for extremes of between -40 °C to +60 °C
- extremely long shelf life of up to 10 years



- chemical constitution: lithium
- type: FR6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 14.5 g
- operating temperature: -40 °C to +60 °C
- packaging: 2 pcs, blister

**B15212**

2/-/20/160

10 22 000 711

GP 15LF

- chemical constitution: lithium
- type: FR03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 7.5 g
- operating temperature: -30 °C to +60 °C
- packaging: 2 pcs, blister

**B15112**

2/-/20/160

10 22 000 412

GP 24LF

- chemical constitution: lithium
- type: CR-V9 (U9VL,1604LC)
- voltage: 9 V
- dimensions: 26.5 × 17.5 × 48.5 mm
- weight: 34 g
- operating temperature: -40 °C to +60 °C
- packaging: 1 pc, blister

**B1509**

1/-/10/450

10 22 000 911

GP CR-V9

- chemical constitution: lithium
- type: CR123A (CR123AP, CR17345)
- voltage: 3 V
- capacity: 1 500 mAh
- dimensions: 17.0 × 34.5 mm
- weight: 16 g
- operating temperature: -40 °C to +60 °C
- packaging: 1 pc, blister



B1501

1/-/10/450

10 22 000 111

GP CR123A

- chemical constitution: lithium
- type: CR-P2 (EL223AP, DL223A)
- voltage: 6 V
- capacity: 1 400 mAh
- dimensions: 34.8 × 19.5 × 35.8 mm
- weight: 37 g
- operating temperature: -40 °C to +60 °C
- packaging: 1 pc, blister



B1502

1/-/10/450

10 22 000 211

GP CR-P2

- chemical constitution: lithium
- type: 2CR5 (EL2CR5BP, DL245)
- voltage: 6 V
- capacity: 1 400 mAh
- dimensions: 34 × 17 × 45 mm
- weight: 40 g
- operating temperature: -40 °C to +60 °C
- packaging: 1 pc, blister



B1505

1/10/-/450

10 22 000 511

GP 2CR5

- chemical constitution: lithium
- type: CR2 (DLCR2)
- voltage: 3 V
- capacity: 800 mAh
- dimensions: 15.3 × 26.5 mm
- weight: 10 g
- operating temperature: -40 °C to +60 °C
- packaging: 1 pc, blister



B1506

1/-/10/450

10 22 000 611

GP CR2

GP Lithium button



- wide range of packaging, size and model
- wide range of operating temperatures: -10 °C to +60 °C
- shelf life up to 10 years



- chemical constitution: lithium
- type: GP CR1/3N
- voltage: 3 V
- capacity: 160 mAh
- dimensions: 11.6 × 10.8 mm
- weight: 3.3 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



4 891199 028175

B15711

1/-/10/720

10 42 103 011

GP CR1/3N

- chemical constitution: lithium
- type: GP CR1025
- voltage: 3 V
- capacity: 30 mAh
- dimensions: 10.0 × 2.5 mm
- weight: 0.7 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



4 891199 211485

B15101

1/-/10/900

10 42 102 511

GP CR1025

- chemical constitution: lithium
- type: GP CR1216
- voltage: 3 V
- capacity: 30 mAh (discharge load 30 kOhm)
- dimensions: 12.5 × 1.6 mm
- weight: 0.6 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



4 891199 028144

B15651

1/10/100/900

10 42 121 611

GP CR1216

- chemical constitution: lithium
- type: GP CR1220
- voltage: 3 V
- capacity: 36 mAh (discharge load 30 kOhm)
- dimensions: 12.5 × 2.0 mm
- weight: 0.8 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



4 891199 004346

B15201

1/10/100/900

10 42 122 011

GP CR1220

- chemical constitution: lithium
- type: GP CR1220
- voltage: 3 V
- capacity: 36 mAh (discharge load 30 kOhm)
- dimensions: 12.5 × 2.0 mm
- weight: 0.8 g
- operating temperature: -20 °C to +60 °C
- packaging: 5 pcs, blister



B1520 5/-/100/2 000
10 42 122 015 GP CR1220

- chemical constitution: lithium
- type: GP CR1225
- voltage: 3 V
- capacity: 62 mAh
- dimensions: 12.5 × 2.5 mm
- weight: 1.0 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



B15221 1/-/10/900
10 42 122 511 GP CR1225

- chemical constitution: lithium
- type: GP CR1616
- voltage: 3 V
- capacity: 50 mAh
- dimensions: 16.0 × 1.6 mm
- weight: 1.1 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



B15601 1/10/100/900
10 42 161 611 GP CR1616

- chemical constitution: lithium
- type: GP CR1620
- voltage: 3 V
- capacity: 75 mAh
- dimensions: 16.0 × 2.0 mm
- weight: 1.3 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



B15701 1/10/100/900
10 42 162 011 GP CR1620

- chemical constitution: lithium
- type: GP CR1620
- voltage: 3 V
- capacity: 75 mAh
- dimensions: 16.0 × 2.0 mm
- weight: 1.3 g
- operating temperature: -20 °C to +60 °C
- packaging: 5 pcs, blister



B1570 5/-/100/2 000
10 42 162 015 GP CR1620

- chemical constitution: lithium
- type: GP CR1632
- voltage: 3 V
- capacity: 140 mAh
- dimensions: 16.0 × 3.2 mm
- weight: 1.8 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



B15951

1/10/100/900

10 42 163 221

GP CR1632

- chemical constitution: lithium
- type: GP CR2016
- voltage: 3 V
- capacity: 90 mAh
- dimensions: 20.0 × 1.6 mm
- weight: 1.5 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



B15161

1/10/100/900

10 42 201 611

GP CR2016

- chemical constitution: lithium
- type: GP CR2016
- voltage: 3 V
- capacity: 90 mAh
- dimensions: 20.0 × 1.6 mm
- weight: 1.5 g
- operating temperature: -20 °C to +60 °C
- packaging: 2 pcs, blister



B15163

2/-/20/720

10 42 201 612

GP CR2016

- chemical constitution: lithium
- type: GP CR2016
- voltage: 3 V
- capacity: 90 mAh
- dimensions: 20.0 × 1.6 mm
- weight: 1.5 g
- operating temperature: -20 °C to +60 °C
- packaging: 5 pcs, blister



B1516

5/-/100/2 000

10 42 201 615

GP CR2016

- chemical constitution: lithium
- type: GP CR2025
- voltage: 3 V
- capacity: 165 mAh
- dimensions: 20.0 × 2.5 mm
- weight: 2.5 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



B15251

1/10/100/900

10 42 202 511

GP CR2025

- chemical constitution: lithium
- type: GP CR2025
- voltage: 3 V
- capacity: 165 mAh
- dimensions: 20.0 × 2.5 mm
- weight: 2.5 g
- operating temperature: -20 °C to +60 °C
- packaging: 2 pcs, blister



B15253

2/-/20/720

10 42 202 512

GP CR2025

- chemical constitution: lithium
- type: GP CR2025
- voltage: 3 V
- capacity: 165 mAh
- dimensions: 20.0 × 2.5 mm
- weight: 2.5 g
- operating temperature: -20 °C to +60 °C
- packaging: 5 pcs, blister



B1525

5/100/-/2 000

10 42 202 515

GP CR2025

- chemical constitution: lithium
- type: GP CR2032
- voltage: 3 V
- capacity: 240 mAh
- dimensions: 20.0 × 3.2 mm
- weight: 3.1 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



B15322

1/10/100/900

10 42 203 211

GP CR2032

- chemical constitution: lithium
- type: GP CR2032
- voltage: 3 V
- capacity: 240 mAh
- dimensions: 20.0 × 3.2 mm
- weight: 3.1 g
- operating temperature: -20 °C to +60 °C
- packaging: 2 pcs, blister



B15323

2/20/-/720

10 42 203 212

GP CR2032

- chemical constitution: lithium
- type: GP CR2032
- voltage: 3 V
- capacity: 240 mAh
- dimensions: 20.0 × 3.2 mm
- weight: 3.1 g
- operating temperature: -20 °C to +60 °C
- packaging: 5 pcs, blister



B1532

5/-/100/2 000

10 42 203 215

GP CR2032

- chemical constitution: lithium
- type: GP CR2032
- voltage: 3 V
- capacity: 240 mAh
- dimensions: 20.0 × 3.2 mm
- weight: 3.1 g
- operating temperature: -20 °C to +60 °C
- packaging: 4 pcs, blister



B15324V

4/-/40/2 400

10 42 203 218

CR2032

- chemical constitution: lithium
- type: GP CR2320
- voltage: 3 V
- capacity: 130 mAh
- dimensions: 23.0 × 2.0 mm
- weight: 3.0 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



B15451

1/-/10/900

10 42 232 011

GP CR2320

- chemical constitution: lithium
- type: GP CR2325
- voltage: 3 V
- capacity: 190 mAh
- dimensions: 23.0 × 2.5 mm
- weight: 3.3 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



B15431

1/-/10/900

10 42 232 511

GP CR2325

- chemical constitution: lithium
- type: GP CR2330
- voltage: 3 V
- capacity: 260 mAh
- dimensions: 23.0 × 3.0 mm
- weight: 4.0 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



B15441

1/-/10/900

10 42 233 011

GP CR2330

- chemical constitution: lithium
- type: GP CR2354
- voltage: 3 V
- capacity: 560 mAh
- dimensions: 23.0 × 5.4 mm
- weight: 6.9 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



B15231

1/-/10/900

10 42 235 411

CR2354

- chemical constitution: lithium
- type: GP CR2430
- voltage: 3 V
- capacity: 300 mAh
- dimensions: 24.5 × 3.0 mm
- weight: 4.3 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



B15301 1/10/100/900
10 42 243 011 GP CR2430

- chemical constitution: lithium
- type: GP CR2430
- voltage: 3 V
- capacity: 300 mAh
- dimensions: 24.5 × 3.0 mm
- weight: 4.3 g
- operating temperature: -20 °C to +60 °C
- packaging: 5 pcs, blister



B1530 5/100/-/1 000
10 42 243 015 GP CR2430

- chemical constitution: lithium
- type: GP CR2450
- voltage: 3 V
- capacity: 590 mAh
- dimensions: 24.5 × 5.0 mm
- weight: 6.6 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



B15851 1/-/10/600
10 42 245 011 GP CR2450

- chemical constitution: lithium
- type: GP CR2450
- voltage: 3 V
- capacity: 590 mAh
- dimensions: 24.5 × 5.0 mm
- weight: 6.6 g
- operating temperature: -20 °C to +60 °C
- packaging: 5 pcs, blister



B1585 5/-/100/1 000
10 42 245 015 GP CR2450

- chemical constitution: lithium
- type: GP CR2477
- voltage: 3 V
- capacity: 590 mAh
- dimensions: 24.5 × 7.7 mm
- weight: 6.6 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



B15771 1/-/10/600
10 42 247 711 GP CR2477

- chemical constitution: lithium
- type: GP CR3032
- voltage: 3 V
- capacity: 500 mAh
- dimensions: 30.0 × 3.2 mm
- weight: 6.8 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



B15331

1/-/10/600

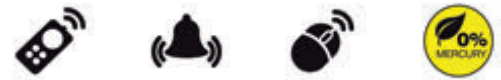
10 42 303 211

GP CR3032

GP Special alkaline



- long-lasting performance
- stable operating voltage
- operating temperature from 0 °C to +45 °C
- shelf life up to 3 years



- chemical constitution: alkaline-special
- type: GP 23AF (V23GA, MN21, A23)
- voltage: 12 V
- capacity: 55 mAh (discharge load 20 kOhm)
- dimensions: 10.22 × 28.2 mm
- weight: 7.9 g
- operating temperature: 0 °C to +45 °C
- packaging: 1 pc, blister



B13001

1/-/10/720

10 21 002 311

GP 23AF

- chemical constitution: alkaline-special
- type: GP 23AF (V23GA, MN21, A23)
- voltage: 12 V
- capacity: 55 mAh (discharge load 20 kOhm)
- dimensions: 10.22 × 28.2 mm
- weight: 7.9 g
- operating temperature: 0 °C to +45 °C
- packaging: 5 pcs, blister



B1300

5/-/100/1 000

10 21 002 315

GP 23AF

- chemical constitution: alkaline-special
- type: GP 27A (A27, MN27, A90)
- voltage: 12 V
- capacity: 20 mAh (discharge load 20 kOhm)
- dimensions: 8.0 × 28.2 mm
- weight: 4.4 g
- operating temperature: 0 °C to +45 °C
- packaging: 1 pc, blister



B13011

1/10/-/600

10 21 002 711

GP 27AF

- chemical constitution: alkaline-special
- type: GP 27A (A27, MN27, A90)
- voltage: 12 V
- capacity: 20 mAh (discharge load 20 kOhm)
- dimensions: 8.0 × 28.2 mm
- weight: 4.4 g
- operating temperature: 0 °C to +45 °C
- packaging: 5 pcs, blister



B1301

5/-/100/1 000

10 21 002 715

GP 27AF

- chemical constitution: alkaline-special
- type: GP 11AF
- voltage: 6 V
- capacity: 38 mAh (discharge load 10 kOhm)
- dimensions: 10.22 × 16.5 mm
- weight: 4.0 g
- operating temperature: 0 °C to +45 °C
- packaging: 1 pc, blister



B13021

1/-/10/720

10 21 001 111

GP 11AF

- chemical constitution: alkaline-special
- type: GP 11AF
- voltage: 6 V
- capacity: 38 mAh (discharge load 10 kOhm)
- dimensions: 10.22 × 16.5 mm
- weight: 4.0 g
- operating temperature: 0 °C to +45 °C
- packaging: 5 pcs, blister



B1302

5/-/100/1 000

10 21 001 115

GP 11AF

- chemical constitution: alkaline-special
- type: GP 476AF (4LR44, PX28A, V4034PX)
- voltage: 6 V
- capacity: 105 mAh (discharge load 6 kOhm)
- dimensions: 13.0 × 25.2 mm
- weight: 10 g
- operating temperature: 0 °C to +45 °C
- packaging: 1 pc, blister



B1303

1/-/10/600

10 21 047 612

GP 476AF

- chemical constitution: alkaline-special
- type: GP 910A (N, LR1)
- voltage: 1.5 V
- capacity: 885 mAh (discharge load 20 kOhm)
- dimensions: 12.0 × 30.2 mm
- weight: 9 g
- operating temperature: 0 °C to +45 °C
- packaging: 2 pcs, blister



B1305

2/-/20/160

10 21 091 012

GP 910A



- chemical constitution: alkaline-special
- type: GP 25A (AAAA, LR61, LR8, MN2500)
- voltage: 1.5 V
- capacity: 525 mAh (discharge load 42 kOhm)
- dimensions: 8.3 × 42.5 mm
- weight: 6.8 g
- operating temperature: 0 °C to +45 °C
- packaging: 2 pcs, blister



B1306

2/-/20/160

10 21 002 512

GP 25A

- chemical constitution: alkaline-special
- type: GP 29A (A29, 32A, A32, L822)
- voltage: 9 V
- dimensions: 8.0 × 21.9 mm
- weight: 3.5 g
- operating temperature: 0 °C to +45 °C
- packaging: 1 pc, blister



B13951

1/-/10/600

10 21 002 911

GP 29AF

GP Alkaline button



- long-lasting performance
- voltage of 1.5 V
- operating temperature 0 °C to +45 °C
- shelf life up to 3 years



- chemical constitution: alkaline
- type: GP A76F (AG13, LR44, LR1154, V13GA, PX76A)
- voltage: 1.5 V
- capacity: 110 mAh (discharge load 1.6 kOhm)
- dimensions: 11.6 × 5.4 mm
- weight: 1.7 g
- operating temperature: 0 °C to +45 °C
- packaging: 1 pc, blister



B13762

1/-/10/750

10 41 007 611

GP A76F

- chemical constitution: alkaline
- type: GP A76F (AG13, LR44, LR1154, V13GA, PX76A)
- voltage: 1.5 V
- capacity: 110 mAh (discharge load 1.6 kOhm)
- dimensions: 11.6 × 5.4 mm
- weight: 1.7 g
- operating temperature: 0 °C to +45 °C
- packaging: 5 pcs, blister



B1376

5/-/100/1 000

10 41 007 615

GP A76F

- chemical constitution: alkaline
- type: GP 186F (AG12, LR43, LR1142, V12GA)
- voltage: 1.5 V
- capacity: 70 mAh (discharge load 1.6 kOhm)
- dimensions: 11.6 × 4.2 mm
- weight: 1.4 g
- operating temperature: 0 °C to +45 °C
- packaging: 1 pc, blister



B13861

1/-/10/750

10 41 018 611

GP 186F

- chemical constitution: alkaline
- type: GP 189F (AG10, LR54, LR1130, V10GA)
- voltage: 1.5 V
- capacity: 44 mAh (discharge load 3.9 kOhm)
- dimensions: 11.6 × 3.05 mm
- weight: 1.0 g
- operating temperature: 0 °C to +45 °C
- packaging: 1 pc, blister



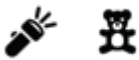
B13892

1/-/10/750

10 41 018 911

GP 189F

- chemical constitution: alkaline
- type: GP 189F (AG10, LR54, LR1130, V10GA)
- voltage: 1.5 V
- capacity: 44 mAh (discharge load 3.9 kOhm)
- dimensions: 11.6 × 3.05 mm
- weight: 1.0 g
- operating temperature: 0 °C to +45 °C
- packaging: 10 pcs, blister



B1389

10/-/250/5 000

10 41 018 910

GP 189F

- chemical constitution: alkaline
- type: GP 192F (LR41, V3GA)
- voltage: 1.5 V
- capacity: 24 mAh (discharge load 30 kOhm)
- dimensions: 7.9 × 3.6 mm
- weight: 0.5 g
- operating temperature: 0 °C to +45 °C
- packaging: 1 pc, blister



B13921

1/-/10/750

10 41 019 211

GP 192F

- chemical constitution: alkaline
- type: GP 192F (LR41, V3GA)
- voltage: 1.5 V
- capacity: 24 mAh (discharge load 6.2 kOhm)
- dimensions: 7.9 × 3.6 mm
- weight: 0.5 g
- operating temperature: 0 °C to +45 °C
- packaging: 5 pcs, blister



B13925

5/-/100/1 000

10 41 019 205

GP 192F

- chemical constitution: alkaline
- type: GP PX625A (LR9, V625U)
- voltage: 1.5 V
- capacity: 190 mAh (discharge load 600 Ohm)
- dimensions: 15.6 × 5.95 mm
- weight: 2.9 g
- operating temperature: 0 °C to +45 °C
- packaging: 1 pc, blister



B1325

1/10/100/750

10 41 062 511

GP 625AF

GP Silver oxide



- long-lasting performance
- voltage of 1.55 V
- operating temperature from 0 °C to +45 °C
- shelf life up to 3 years



- chemical constitution: silver oxide
- type: GP 357F (SR44, SR1154, V357)
- voltage: 1.55 V
- capacity: 165 mAh (discharge load 3.0 kOhm)
- dimensions: 11.6 × 5.4 mm
- operating temperature: 0 °C to +45 °C
- packaging: 1 pc, blister



B3357F1

1/-/10/750

10 43 035 721

GP 357F

- chemical constitution: silver oxide
- type: GP 377F (SR66, SR626, V377)
- voltage: 1.55 V
- capacity: 24 mAh (discharge load 33 kOhm)
- dimensions: 6.8 × 2.6 mm
- weight: 0.4 g
- operating temperature: 0 °C to +45 °C
- packaging: 1 pc, blister



B3377F1

1/-/10/750

10 43 037 721

GP 377F

- chemical constitution: silver oxide
- type: GP 364F (SR60, SR621, V364)
- voltage: 1.55 V
- capacity: 17 mAh (discharge load 6.2 kOhm)
- dimensions: 6.8 × 2.15 mm
- operating temperature: 0 °C to +45 °C
- packaging: 1 pc, blister



B3364F1

1/10/-/750

10 43 036 431

- chemical constitution: silver oxide
- type: GP 389F (SR54, SR1130, V389)
- voltage: 1.55 V
- capacity: 70 mAh (discharge load 3 kOhm)
- dimensions: 11.6 × 3.05 mm
- operating temperature: 0 °C to +45 °C
- packaging: 1 pc, blister



B3389F1

1/10/-/750

10 43 038 921

- chemical constitution: silver oxide
- type: GP 392F (SR41, SR736, V392)
- voltage: 1.55 V
- capacity: 42 mAh (discharge load 3.0 kOhm)
- dimensions: 7.9 × 3.6 mm
- operating temperature: 0 °C to +45 °C
- packaging: 1 pc, blister



B3392F1

1/10/-/750

10 43 039 221

GP Zinc air

- long lasting power +50 %
- consistent sound quality
- ideal also for latest wireless hearing aid devices
- longer battery tab for easy insertion into hearing aids
- safety and quality assurance
- storage time 4 years
- made in UK



- chemical constitution: zinc-air
- type: GP ZA10 (7005ZD, PR70)
- voltage: 1.45 V
- capacity: 90 mAh (discharge load 1.5 kOhm)
- dimensions: 5.8 × 3.6 mm
- weight: 0.3 g
- operating temperature: -10 °C to +50 °C
- packaging: 6 pcs, blister



B3510

6/60/300/3 000

10 44 001 016

GP ZA10

- chemical constitution: zinc-air
- type: GP ZA13 (7000ZD, PR48)
- voltage: 1.45 V
- capacity: 290 mAh (discharge load 625 Ohm)
- dimensions: 7.9 × 5.4 mm
- weight: 0.8 g
- operating temperature: -10 °C to +50 °C
- packaging: 6 pcs, blister



B3513

6/60/300/3 000

10 44 001 316

GP ZA13

- chemical constitution: zinc-air
- type: GP ZA312 (7002ZD, PR41)
- voltage: 1.45 V
- capacity: 170 mAh (discharge load 1.0 kOhm)
- dimensions: 7.9 × 3.6 mm
- weight: 0.5 g
- operating temperature: -10 °C to +50 °C
- packaging: 6 pcs, blister



B3512

6/60/300/3 000

10 44 031 216

GP ZA312

- chemical constitution: zinc-air
- type: GP ZA675 (7003ZD, PR44)
- voltage: 1.45 V
- capacity: 620 mAh (discharge load 300 Ohm)
- dimensions: 11.6 × 5.4 mm
- weight: 1.8 g
- operating temperature: -10 °C to +50 °C
- packaging: 6 pcs, blister



B3575

6/60/300/3 000

10 44 067 516

GP ZA675

GP Batteries

GP Consumer batteries

GP Rechargeable

GP ReCyko Pro

- high-performance rechargeable batteries with long run time
- at least 1 500 recharge cycles *
- extremely low self-discharge effect *
- charged to 70 % even after 5 years of no use *
- precharged from production – for immediate use
- friendly to the environment and your wallet
- * (valid for Professional line)



- chemical constitution: NiMH
- type: HR6 (AA battery)
- voltage: 1.2 V
- capacity: 2 000 mAh
- number of charging cycles: more than 500
- dimensions: 14.5 × 50.5 mm
- weight: 27 g
- operating temperature: -20 °C to +50 °C
- packaging: 4 pcs, small paper box



B2420

4/-/40/400

10 33 224 201

210AAHCF



- chemical constitution: NiMH
- type: HR6 (AA battery)
- voltage: 1.2 V
- capacity: 2 000 mAh
- number of charging cycles: more than 1 500
- dimensions: 14.5 × 50.5 mm
- weight: 30 g
- operating temperature: -20 °C to +50 °C
- packaging: 4 pcs, small paper box



B22204

4/-/40/400

10 33 224 200

210AAHCB

- chemical constitution: NiMH
- type: HR6 (AA battery)
- voltage: 1.2 V
- capacity: 2 000 mAh
- number of charging cycles: more than 1 500
- dimensions: 14.5 × 50.5 mm
- weight: 30 g
- operating temperature: -20 °C to +50 °C
- packaging: 2 pcs, small paper box



B2220

2/-/20/200

10 33 222 200

210AAHCB

- chemical constitution: NiMH
- type: HR6 (AA battery)
- voltage: 1.2 V
- capacity: 2 000 mAh
- number of charging cycles: more than 1 500
- dimensions: 14.5 × 50.5 mm
- weight: 30 g
- operating temperature: -20 °C to +50 °C
- packaging: 6 pcs, small paper box



B2220V

6/-/60/360

10 33 226 200

210AAHCB

- chemical constitution: NiMH
- type: HR03 (AAA battery)
- voltage: 1.2 V
- capacity: 800 mAh
- number of charging cycles: more than 1 500
- dimensions: 10.5 × 44.5 mm
- weight: 14 g
- operating temperature: -20 °C to +50 °C
- packaging: 4 pcs, small paper box



B22184

4/-/40/400

10 33 124 080

85AAAHCB

- chemical constitution: NiMH
- type: HR03 (AAA battery)
- voltage: 1.2 V
- capacity: 800 mAh
- number of charging cycles: more than 1 500
- dimensions: 10.5 × 44.5 mm
- weight: 14 g
- operating temperature: -20 °C to +50 °C
- packaging: 2 pcs, small paper box



B2218

2/-/20/200

10 33 122 080

85AAAHCB



www.emos.eu

Order Code
Item Number

Packaging
Type

- chemical constitution: NiMH
- type: HR03 (AAA battery)
- voltage: 1.2 V
- capacity: 800 mAh
- number of charging cycles: more than 1 500
- dimensions: 10.5 × 44.5 mm
- weight: 14 g
- operating temperature: -20 °C to +50 °C
- packaging: 6 pcs, small paper box



B2218V

6/-/60/360

10 33 126 080

85AAAHCB

GP ReCyko



- wide range of capacities and retail packages
- one of the longest run times available on the market
- low self-discharge – charged to 70 % after a year of no use
- precharged from production – for immediate use
- friendly to the environment and your wallet



super strong



1 year storage



300 charging cycles



ready to use



- chemical constitution: NiMH
- type: HR6 (AA battery)
- voltage: 1.2 V
- capacity: 2 600 mAh
- number of charging cycles: more than 300
- dimensions: 14.5 × 50.5 mm
- weight: 31 g
- operating temperature: -20 °C to +50 °C
- packaging: 4 pcs, small paper box



B21274

4/-/40/400

10 32 224 270

270AAHCE

- chemical constitution: NiMH
- type: HR6 (AA battery)
- voltage: 1.2 V
- capacity: 2 600 mAh
- number of charging cycles: more than 300
- dimensions: 14.5 × 50.5 mm
- weight: 31 g
- operating temperature: -20 °C to +50 °C
- packaging: 2 pcs, small paper box



B2127

2/-/20/200

10 32 222 270

270AAHCE

- chemical constitution: NiMH
- type: HR6 (AA battery)
- voltage: 1.2 V
- capacity: 2 600 mAh
- number of charging cycles: more than 300
- dimensions: 14.5 × 50.5 mm
- weight: 31 g
- operating temperature: -20 °C to +50 °C
- packaging: 6 pcs, small paper box



B2127V

6/-/60/360

10 32 226 270

270AAHCE

- chemical constitution: NiMH
- type: HR6 (AA battery)
- voltage: 1.2 V
- capacity: 2 450 mAh
- number of charging cycles: more than 300
- dimensions: 14.5 × 50.5 mm
- weight: 31 g
- operating temperature: -20 °C to +50 °C
- packaging: 4 pcs, small paper box



B21254

4/-/40/400

10 32 224 250

250AAHCE



- chemical constitution: NiMH
- type: HR6 (AA battery)
- voltage: 1.2 V
- capacity: 2 450 mAh
- number of charging cycles: more than 300
- dimensions: 14.5 × 50.5 mm
- weight: 31 g
- operating temperature: -20 °C to +50 °C
- packaging: 2 pcs, small paper box



B2125

2/-/20/200

10 32 222 250

250AAHCE



- chemical constitution: NiMH
- type: HR6 (AA battery)
- voltage: 1.2 V
- capacity: 2 100 mAh
- number of charging cycles: more than 500
- dimensions: 14.5 × 50.5 mm
- weight: 27 g
- operating temperature: -20 °C to +50 °C
- packaging: 2 pcs, small paper box



B2121

2/-/20/200

10 32 222 210

210AAHCE



- chemical constitution: NiMH
- type: HR6 (AA battery)
- voltage: 1.2 V
- capacity: 2 100 mAh
- number of charging cycles: more than 500
- dimensions: 14.5 × 50.5 mm
- weight: 27 g
- operating temperature: -20 °C to +50 °C
- packaging: 6 pcs, small paper box



B2121V

6/-/60/360

10 32 226 210

210AAHCE



- chemical constitution: NiMH
- type: HR6 (AA battery)
- voltage: 1.2 V
- capacity: 1 300 mAh
- number of charging cycles: more than 500
- dimensions: 14.5 × 50.5 mm
- weight: 23 g
- operating temperature: -20 °C to +50 °C
- packaging: 2 pcs, small paper box



B2123

2/-/20/200

10 32 222 130

130AAHCE





- chemical constitution: NiMH
- type: HR03 (AAA battery)
- voltage: 1.2 V
- capacity: 950 mAh
- number of charging cycles: more than 500
- dimensions: 10.5 × 44.5 mm
- weight: 15 g
- operating temperature: -20 °C to +50 °C
- packaging: 4 pcs, small paper box



B21114

4/-/40/400

10 32 124 100

100AAAHCE



- chemical constitution: NiMH
- type: HR03 (AAA battery)
- voltage: 1.2 V
- capacity: 950 mAh
- number of charging cycles: more than 500
- dimensions: 10.5 × 44.5 mm
- weight: 15 g
- operating temperature: -20 °C to +50 °C
- packaging: 6 pcs, small paper box



B2111V

6/-/60/360

10 32 126 100

100AAAHCE



- chemical constitution: NiMH
- type: HR03 (AAA battery)
- voltage: 1.2 V
- capacity: 950 mAh
- number of charging cycles: more than 500
- dimensions: 10.5 × 44.5 mm
- weight: 15 g
- operating temperature: -20 °C to +50 °C
- packaging: 2 pcs, small paper box



B2111

2/-/20/200

10 32 122 100

100AAAHCE



- chemical constitution: NiMH
- type: HR03 (AAA battery)
- voltage: 1.2 V
- capacity: 650 mAh
- number of charging cycles: more than 1 000
- dimensions: 10.5 × 44.5 mm
- weight: 13 g
- operating temperature: -20 °C to +50 °C
- packaging: 2 pcs, small paper box



B2116

2/-/20/200

10 32 122 060

65AAAHCE



- chemical constitution: NiMH
- type: HR14 (C battery)
- voltage: 1.2 V
- capacity: 3 000 mAh
- number of charging cycles: more than 1 000
- dimensions: 26.2 × 50.0 mm
- weight: 70 g
- operating temperature: -20 °C to +50 °C
- packaging: 2 pcs, small paper box



B2133

2/-/12/120

10 32 322 300

300CHCB



- chemical constitution: NiMH
- type: HR20 (D battery)
- voltage: 1.2 V
- capacity: 5 700 mAh
- number of charging cycles: more than 1 000
- dimensions: 34.2 × 61.5 mm
- weight: 155 g
- operating temperature: -20 °C to +50 °C
- packaging: 2 pcs, small paper box



B2145

2/-/12/72

10 32 422 570

570DHCB

- chemical constitution: NiMH
- type: 6HR61 9 V (1604)
- voltage: 8.4 V
- capacity: 200 mAh
- number of charging cycles: more than 1 000
- dimensions: 26.5 × 15.7 × 48.5 mm
- weight: 42.5 g
- operating temperature: -20 °C to +50 °C
- packaging: 1 pc, small paper box



B2152

1/-/10/100

10 32 521 020

20R8H

- chemical constitution: NiMH
- type: HR6 (AA battery)
- voltage: 1.2 V
- capacity: 1 700 mAh
- number of charging cycles: more than 700
- dimensions: 14.5 × 50.5 mm
- weight: 26.2 g
- operating temperature: -20 °C to +50 °C
- packaging: 4 pcs, small paper box



B24294

4/-/40/400

10 33 224 170

170AAHCV

Raver Batteries

Raver Lithium cylindrical



- suitable for digital cameras and flashes
- electronic toys, hobby models, MP3 players, PDAs and GPS
- also meet the requirements of healthcare tools and devices
- ideal for use in extreme temperatures of -40 °C to +60 °C
- shelf life up to 10 years



- chemical constitution: lithium
- type: FR6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 15.5 g
- operating temperature: -40 °C to +60 °C
- packaging: 2 pcs, blister



B7821

2/-/20/200

13 21 212 000

RLT FR6-B2

- chemical constitution: lithium
- type: FR03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 7.2 g
- operating temperature: -40 °C to +60 °C
- packaging: 2 pcs, blister



B7811

2/-/28/280

13 21 112 000

RLT FR03-B2

Raver Batteries

Raver Alkaline

Raver Ultra



- top performance in devices with low long-term consumption
- up to 7x more energy than standard zinc-carbon batteries
- operating temperature from -20 °C to +60 °C
- shelf life up to 7 years



- chemical constitution: alkaline
- type: LR6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 23,8 g
- operating temperature: -20 °C to +60 °C
- packaging: 4 pcs, blister



B7921

4/-/40/320

13 20 214 000

RUA LR6-B4

- chemical constitution: alkaline
- type: LR6 (AA battery)
- voltage: 1.5 V
- dimensions: 14.5 × 50.5 mm
- weight: 23,8 g
- operating temperature: -20 °C to +60 °C
- packaging: 8 pcs, shrink



B79218

8/-/96/960

13 20 218 000

RUA LR6-S8

- chemical constitution: alkaline
- type: LR03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 11,5 g
- operating temperature: -20 °C to +60 °C
- packaging: 4 pcs, blister



B7911

4/-/40/320

13 20 114 000

RUA LR03-B4

- chemical constitution: alkaline
- type: LR03 (AAA battery)
- voltage: 1.5 V
- dimensions: 10.5 × 44.5 mm
- weight: 11.5 g
- operating temperature: -20 °C to +60 °C
- packaging: 8 pcs, shrink



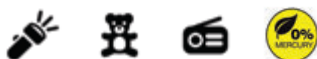
B79118

8/-/96/960

13 20 118 000

RUA LR03-S8

- chemical constitution: alkaline
- type: LR14 (C battery)
- voltage: 1.5 V
- dimensions: 26.2 × 50.0 mm
- weight: 68 g
- operating temperature: -20 °C to +60 °C
- packaging: 2 pcs, blister



B7931

2/-/24/144

13 20 312 000

RUA LR14-B2

- chemical constitution: alkaline
- type: LR20 (D battery)
- voltage: 1.5 V
- dimensions: 34.2 × 61.5 mm
- weight: 140 g
- operating temperature: -20 °C to +60 °C
- packaging: 2 pcs, blister



B7941

2/-/24/96

13 20 412 000

RUA LR20-B2

- chemical constitution: alkaline
- type: 6LP3146 9 V (1604)
- voltage: 9 V
- dimensions: 26.5 × 17.5 × 48.5 mm
- weight: 44 g
- operating temperature: -20 °C to +60 °C
- packaging: 1 pc, blister



B7951

1/-/12/144

13 20 511 000

RUA 9V-B2

Raver Batteries

Raver Rechargeable



- RAVER SOLAR – excellent choice for solar garden lights
- it often only takes a new battery to get a light to work
- rechargeable batteries save both money and the environment
- also usable for other undemanding devices
- operating temperature from -20 °C to +50 °C



- chemical constitution: NiMH
- type: HR6 (AA battery)
- voltage: 1.2 V
- capacity: 600 mAh
- number of charging cycles: more than 500
- dimensions: 14.5 × 50.5 mm
- weight: 15 g
- operating temperature: -20 °C to +50 °C
- packaging: 2 pcs, blister



B7426

2/-/24/288

13 32 212 030 RAVER SOLAR AA

- chemical constitution: NiMH
- type: HR03 (AAA battery)
- voltage: 1.2 V
- capacity: 400 mAh
- number of charging cycles: more than 500
- dimensions: 10.5 × 44.5 mm
- weight: 9 g
- operating temperature: -20 °C to +50 °C
- packaging: 2 pcs, blister



B7414

2/-/32/384

13 32 112 040 RAVER SOLAR AAA

Raver Batteries

Raver Other batteries

Raver Lithium button



- suitable for devices requiring a stable supply of power
- e.g. watches, calculators, alarms, manometers, etc.
- long service life
- operating temperature from -10 °C to +60 °C
- shelf life up to 10 years



- chemical constitution: lithium
- type: CR2016
- voltage: 3 V
- capacity: 75 mAh (discharge load 30 kOhm)
- dimensions: 20.0 × 1.6 mm
- weight: 1.7 g
- operating temperature: -10 °C to +60 °C
- packaging: 5 pcs, blister



B7316

5/150/-/1 800

13 26 021 605

RAVER CR2016

- chemical constitution: lithium
- type: CR2025
- voltage: 3 V
- capacity: 150 mAh (discharge load 15 kOhm)
- dimensions: 20.0 × 2.5 mm
- weight: 2.5 g
- operating temperature: -10 °C to +60 °C
- packaging: 5 pcs, blister



B7325

5/150/-/1 800

13 26 022 505

RAVER CR2025

- chemical constitution: lithium
- type: CR2032
- voltage: 3 V
- capacity: 220 mAh (discharge load 15 kOhm)
- dimensions: 20.0 × 3.2 mm
- weight: 3.1 g
- operating temperature: -10 °C to +60 °C
- packaging: 5 pcs, blister



B7332

5/-/150/1 800

13 26 023 205

RAVER CR2032

Raver Alkaline button



- for devices requiring long run time at room temperature
- e.g. watches, calculators, electronic games, remotes, etc.
- operating temperature from 0 °C to +45 °C
- shelf life up to 3 years



chemical constitution: alkaline = type: LR44 (AG13, LR44, LR1154, V13GA, PX76A) = voltage: 1.5 V = capacity: 110 mAh (discharge load 6.2 kOhm) = dimensions: 11.6 × 5.4 mm = weight: 2.0 g = operating temperature: -10 °C to +60 °C = packaging: 5 pcs, blister



8 592920 018712

B7970

5/-/100/1 200

13 25 007 605

RAVER LR44

Batteries EMOS, lead acid battery

Lead acid batteries

- maintenance-free, valve-controlled lead accumulators
- for low-cost powering of devices
- hermetically sealed lead AGM accumulators
- wide range of uses – fire alarms, communication devices, UPS
- toys, power tools, emergency lighting and more
- batteries for engine-powered mowers and garden riders
- optimal service life 5 years

B9651

1/-/-/20

12 01 000 500

OT1.3-6 (E613)



8 595025 340818

voltage: 6 V = capacity: 1.3 Ah = weight: 0.3 kg = terminal: faston 4.7 mm = optimal lifetime: 5 years = dimensions: 97 × 24 × 51 mm = packaging: 1 pc

B9641

1/-/-/20

12 01 000 100


DHB640 (E640)




8 595025 318732

for lanterns: 3810 (P2301), 3810 LED (P2304), 3810 LED EXPERT (P2305) = chemical constitution: Pb = voltage: 6 V = capacity: 4 Ah = dimensions: 70 × 47 × 101 mm = packaging: 1 pc

B9659 1/-/-16
12 01 000 520 OT7-6 (E670)




8 595025 353474




voltage: 6 V = capacity: 7 Ah = weight: 1 kg = terminal: faston 4.7 mm = optimal lifetime: 5 years = dimensions: 151 × 34 × 94 mm = packaging: 1 pc

B9682 1/-/-10
12 01 003 500 OT 12-6 (E-6120)




8 592920 005668




voltage: 6 V = capacity: 12 Ah = weight: 1.8 kg = terminal: faston 4.7 mm = optimal lifetime: 5 years = dimensions: 151 × 51 × 94 mm = packaging: 1 pc

B9652 1/-/-20
12 01 000 600 OT1.3-12 (E1213;
E1.3-12)




8 595025 340825




voltage: 12 V = capacity: 1.3 Ah = weight: 0.5 kg = terminal: faston 4.7 mm = optimal lifetime: 5 years = dimensions: 97 × 45 × 53 mm = packaging: 1 pc

B9672 1/-/-20
12 01 002 600 OT 2.2-12 (E1222)




8 592920 004159




voltage: 12 V = capacity: 2.2 Ah = weight: 0.95 kg = terminal: faston 4.7 mm = optimal lifetime: 5 years = dimensions: 178 × 35 × 61 mm = packaging: 1 pc

B9653 1/-/-10
12 01 000 700 OT4.5-12 (E1245)




8 595025 340832




voltage: 12 V = capacity: 4.5 Ah = weight: 1.46 kg = terminal: faston 4.7 mm = optimal lifetime: 5 years = dimensions: 91 × 71 × 105 mm = packaging: 1 pc

B9679 1/-/-10
12 01 003 300 E1250 (E5.0-12)




8 592920 004890




voltage: 12 V = capacity: 5 Ah = weight: 1.65 kg = terminal: faston 6.3 mm = optimal lifetime: 5 years = dimensions: 91 × 71 × 105 mm = packaging: 1 pc

B9691 1/-/-10
12 01 004 300 E1270 (E7.0-12)




8 592920 018187




voltage: 12 V = capacity: 7 Ah = weight: 2.05 kg = terminal: faston 4.7 mm = optimal lifetime: 5 years = dimensions: 151 × 65 × 94 mm = packaging: 1 pc

B9654 1/-/-10
12 01 000 800 OT7.2-12 (E1272;
E7.2-12)




8 595025 340849




voltage: 12 V = capacity: 7.2 Ah = weight: 2.2 kg = terminal: faston 4.7 mm = optimal lifetime: 5 years = dimensions: 151 × 65 × 94 mm = packaging: 1 pc

B9674 1/-/-10
12 01 002 800 OT 7.2-12 T2
(E7.2-12)




8 592920 004449




voltage: 12 V = capacity: 7.2 Ah = weight: 2.2 kg = terminal: faston 6.3 mm = optimal lifetime: 5 years = dimensions: 151 × 65 × 94 mm = packaging: 1 pc

B9675 1/-/-10
12 01 002 900 OT 9-12 (E1290)




8 592920 004463




voltage: 12 V = capacity: 9 Ah = weight: 2.42 kg = terminal: faston 6.3 mm = optimal lifetime: 5 years = dimensions: 151 × 65 × 94 mm = packaging: 1 pc

B9656 1/-/-/4

12 01 000 850 OT 12-12
(E12120; E12-12)




8 595025 343529




voltage: 12 V = capacity: 12 Ah = weight: 3.3 kg = terminal: faston 6.3 mm = optimal lifetime: 5 years = dimensions: 151 × 98 × 96 mm = packaging: 1 pc

B9656V 1/-/-/2

12 01 004 800 6-DZM-12



8 592920 091838



voltage: 12 V = capacity: 15 Ah/20 hrs (14 Ah/10 hrs, 12 Ah/2 hrs) = weight: 4.25 kg = terminal: faston 6.3 mm = optimal lifetime: 4 years for cyclic operation (approx. 1 200 cycles for 30 % D.O.D = discharge depth) = dimensions: 150 × 100 × 102 mm = packaging: 1 pc

B9655 1/-/-/4

12 01 000 900 OT 18-12
(E12180; E18-12)




8 595025 340856




voltage: 12 V = capacity: 18 Ah = weight: 4.88 kg = terminal: 12 × 12 × 2 mm = optimal lifetime: 5 years = dimensions: 181 × 77 × 167 mm = packaging: 1 pc

B9683 1/-/-/2

12 01 003 600 OT 26-12(W);
(E12260)




8 592920 006399




voltage: 12 V = capacity: 26 Ah = weight: 8.05 kg = terminal: 14 × 12 × 2 mm = optimal lifetime: 5 years = dimensions: 175 × 165 × 125 mm = packaging: 1 pc

B9684 1/-/-/1

12 01 003 700 OT 40-12 (E1240;
E40-12)




8 592920 006412




voltage: 12 V = capacity: 40 Ah = weight: 13.05 kg = terminal: T1 – M6 = optimal lifetime: 5 years = dimensions: 196 × 166 × 175 mm = packaging: 1 pc

B9685 1/-/-/1

12 01 003 800 OT 65-12 (E-
12650)



8 592920 006436




voltage: 12 V = capacity: 65 Ah = weight: 20.65 kg = terminal: T2 – M8 = optimal lifetime: 5 years = dimensions: 350 × 166 × 175 mm = packaging: 1 pc

Emergency lighting batteries


- production of special accumulator packs
- assembly into shrink foil and original plastic cases
- spot welding of weld-on terminals to accumulator cells
- work on professional micro spot welders
- production of custom accumulator packs on request
- www.repasebaterie.cz

B9801 1/-/-/1

12 03 200 001 B9801




8 592920 073100




▪ capacity: 1.6 Ah
▪ voltage: 2.4 V
▪ size (diameter×length): 23 × 86 mm
▪ size: SC

B9802 1/-/-/1

12 03 200 002 B9802




8 592920 073117




▪ capacity: 1.6 Ah
▪ voltage: 3.6 V
▪ size (diameter×length): 23 × 129 mm
▪ size: SC

B9803 1/-/-/1
12 03 200 003 B9803




8 592920 073124




- capacity: 1.6 Ah
- voltage: 4.8 V
- size (diameter×length): 23 × 172 mm
- size: SC

B9804 1/-/-/1
12 03 200 004 B9804




8 592920 073131




- capacity: 1.6 Ah
- voltage: 6 V
- size (diameter×length): 23 × 215 mm
- size: SC

B9805 1/-/-/1
12 03 200 005 B9805




8 592920 073148




- capacity: 1.6 Ah
- voltage: 2.4 V
- size (diameter×length): 23 × 86 mm
- size: SC

B9806 1/-/-/1
12 03 200 006 B9806




8 592920 073155




- capacity: 1.6 Ah
- voltage: 3.6 V
- size (diameter×length): 23 × 129 mm
- size: SC

B9807 1/-/-/1
12 03 200 007 B9807




8 592920 073162




- capacity: 1.6 Ah
- voltage: 4.8 V
- size (diameter×length): 23 × 172 mm
- size: SC

B9808 1/-/-/1
12 03 200 008 B9808




8 592920 073179




- capacity: 1.6 Ah
- voltage: 6 V
- size (diameter×length): 23 × 215 mm
- size: SC

B9831 1/-/-/1
12 03 200 031 B9831




8 592920 073339




- capacity: 1 Ah
- voltage: 2.4 V
- size (diameter×length): 14.5 × 96 mm
- size: AA

B9832 1/-/-/1
12 03 200 032 B9832




8 592920 073346




- capacity: 1 Ah
- voltage: 3.6 V
- size (diameter×length): 14.5 × 144 mm
- size: AA

B9833 1/-/-/1
12 03 200 033 B9833




8 592920 073353




- capacity: 1 Ah
- voltage: 4.8 V
- size (diameter×length): 14.5 × 192 mm
- size: AA

B9834 1/-/-/1
12 03 200 034 B9834




8 592920 073360




- capacity: 1 Ah
- voltage: 6 V
- size (diameter×length): 14.5 × 240 mm
- size: AA

B9835 1/-/-/1
12 03 200 035 B9835




8 592920 073377




- capacity: 1 Ah
- voltage: 2.4 V
- size (diameter×length): 14.5 × 96 mm
- size: AA

B9836 1/-/-/1
12 03 200 036 B9836




8 592920 073384




- capacity: 1 Ah
- voltage: 3.6 V
- size (diameter×length): 14.5 × 144 mm
- size: AA

B9837 1/-/-/1
12 03 200 037 B9837




8 592920 073391




- capacity: 1 Ah
- voltage: 4.8 V
- size (diameter×length): 14.5 × 192 mm
- size: AA

B9838 1/-/-/1
12 03 200 038 B9838




8 592920 073407




- capacity: 1 Ah
- voltage: 6 V
- size (diameter×length): 14.5 × 240 mm
- size: AA

B9841 1/-/-/1
12 03 200 041 B9841




8 592920 073414




- capacity: 2.5 Ah
- voltage: 2.4 V
- size (diameter×length): 25 × 100 mm
- size: C

B9842 1/-/-/1
12 03 200 042 B9842




8 592920 073421




- capacity: 2.5 Ah
- voltage: 3.6 V
- size (diameter×length): 25 × 150 mm
- size: C

B9843 1/-/-/1
12 03 200 043 B9843




8 592920 073438




- capacity: 2.5 Ah
- voltage: 4.8 V
- size (diameter×length): 25 × 200 mm
- size: C

B9844 1/-/-/1
12 03 200 044 B9844




8 592920 073445




- capacity: 2.5 Ah
- voltage: 6 V
- size (diameter×length): 25 × 250 mm
- size: C

B9845 1/-/-/1
12 03 200 045 B9845




8 592920 073452




- capacity: 2.5 Ah
- voltage: 2.4 V
- size (diameter×length): 25 × 100 mm
- size: C

B9846 1/-/-/1
12 03 200 046 B9846




8 592920 073469




- capacity: 2.5 Ah
- voltage: 3.6 V
- size (diameter×length): 25 × 150 mm
- size: C

B9847 1/-/-/1
12 03 200 047 B9847




8 592920 073476




- capacity: 2.5 Ah
- voltage: 4.8 V
- size (diameter×length): 25 × 200 mm
- size: C

B9848 1/-/-/1
12 03 200 048 B9848




8 592920 073483




- capacity: 2.5 Ah
- voltage: 6 V
- size (diameter×length): 25 × 250 mm
- size: C

B9851 1/-/-/1
12 03 200 051 B9851




8 592920 073490




- capacity: 4.5 Ah
- voltage: 2.4 V
- size (diameter×length): 33 × 121 mm
- size: D

B9852 1/-/-/1
12 03 200 052 B9852




8 592920 073094




- capacity: 4.5 Ah
- voltage: 3.6 V
- size (diameter×length): 33 × 182 mm
- size: D

B9853 1/-/-/1
12 03 200 053 B9853




8 592920 073506




- capacity: 4.5 Ah
- voltage: 4.8 V
- size (diameter×length): 33 × 242 mm
- size: D

B9854 1/-/-/1
12 03 200 054 B9854




8 592920 073513




- capacity: 4.5 Ah
- voltage: 6 V
- size (diameter×length): 33 × 303 mm
- size: D

B9855 1/-/-/1
12 03 200 055 B9855




8 592920 073520




- capacity: 4.5 Ah
- voltage: 2.4 V
- size (diameter×length): 33 × 121 mm
- size: D

B9856 1/-/-/1
12 03 200 056 B9856




8 592920 073537




- capacity: 4.5 Ah
- voltage: 3.6 V
- size (diameter×length): 33 × 182 mm
- size: D

B9857 1/-/-/1
12 03 200 057 B9857




8 592920 073544




- capacity: 4.5 Ah
- voltage: 4.8 V
- size (diameter×length): 33 × 242 mm
- size: D

B9858 1/-/-/1
12 03 200 058 B9858




8 592920 073551




- capacity: 4.5 Ah
- voltage: 6 V
- size (diameter×length): 33 × 303 mm
- size: D

B9901 1/-/-/1
12 03 200 101 B9901




8 592920 073568




- capacity: 2 Ah
- voltage: 2.4 V
- size (diameter×length): 23 × 86 mm
- size: SC

B9902 1/-/-/1
12 03 200 102 B9902




8 592920 073575




- capacity: 2 Ah
- voltage: 3.6 V
- size (diameter×length): 23 × 129 mm
- size: SC

B9903 1/-/-/1
12 03 200 103 B9903




8 592920 073582




- capacity: 2 Ah
- voltage: 4.8 V
- size (diameter×length): 23 × 172 mm
- size: SC

B9904 1/-/-/1
12 03 200 104 B9904




8 592920 073599




- capacity: 2 Ah
- voltage: 6 V
- size (diameter×length): 23 × 215 mm
- size: SC

B9905 1/-/-/1
12 03 200 105 B9905




8 592920 073605




- capacity: 2 Ah
- voltage: 2.4 V
- size (diameter×length): 23 × 86 mm
- size: SC

B9906 1/-/-/1
12 03 200 106 B9906




8 592920 073612




- capacity: 2 Ah
- voltage: 3.6 V
- size (diameter×length): 23 × 129 mm
- size: SC

B9907 1/-/-/1
12 03 200 107 B9907




8 592920 073629




- capacity: 2 Ah
- voltage: 4.8 V
- size (diameter×length): 23 × 172 mm
- size: SC

B9908 1/-/-/1
12 03 200 108 B9908




8 592920 073636




- capacity: 2 Ah
- voltage: 6 V
- size (diameter×length): 23 × 215 mm
- size: SC

B9931 1/-/-/1
12 03 200 131 B9931




8 592920 073681




- capacity: 1.3 Ah
- voltage: 2.4 V
- size (diameter×length): 14.5 × 96 mm
- size: AA

B9932 1/-/-/1
12 03 200 132 B9932



8 592920 073698



- capacity: 1.3 Ah
- voltage: 3.6 V
- size (diameter×length): 14.5 × 144 mm
- size: AA

B9933 1/-/-/1
12 03 200 133 B9933



- capacity: 1.3 Ah
- voltage: 4.8 V
- size (diameter×length): 14.5 × 192 mm
- size: AA



B9934 1/-/-/1
12 03 200 134 B9934



- capacity: 1.3 Ah
- voltage: 6 V
- size (diameter×length): 14.5 × 240 mm
- size: AA



B9935 1/-/-/1
12 03 200 135 B9935



- capacity: 1.3 Ah
- voltage: 2.4 V
- size (diameter×length): 14.5 × 96 mm
- size: AA



B9936 1/-/-/1
12 03 200 136 B9936



- capacity: 1.3 Ah
- voltage: 3.6 V
- size (diameter×length): 14.5 × 144 mm
- size: AA



B9937 1/-/-/1
12 03 200 137 B9937



- capacity: 1.3 Ah
- voltage: 4.8 V
- size (diameter×length): 14.5 × 192 mm
- size: AA



B9938 1/-/-/1
12 03 200 138 B9938



- capacity: 1.3 Ah
- voltage: 6 V
- size (diameter×length): 14.5 × 240 mm
- size: AA



B9941 1/-/-/1
12 03 200 141 B9941



- capacity: 4 Ah
- voltage: 2.4 V
- size (diameter×length): 25 × 100 mm
- size: C



B9942 1/-/-/1
12 03 200 142 B9942



- capacity: 4 Ah
- voltage: 3.6 V
- size (diameter×length): 25 × 150 mm
- size: C



B9943 1/-/-/1
12 03 200 143 B9943



- capacity: 4 Ah
- voltage: 4.8 V
- size (diameter×length): 25 × 200 mm
- size: C



B9944 1/-/-/1
12 03 200 144 B9944




- capacity: 4 Ah
- voltage: 6 V
- size (diameter×length): 25 × 250 mm
- size: C




B9945 1/-/-/1

12 03 200 145 B9945




8 592920 073803




- capacity: 4 Ah
- voltage: 2.4 V
- size (diameter×length): 25 × 100 mm
- size: C

B9946 1/-/-/1

12 03 200 146 B9946




8 592920 073810




- capacity: 4 Ah
- voltage: 3.6 V
- size (diameter×length): 25 × 150 mm
- size: C

B9947 1/-/-/1

12 03 200 147 B9947




8 592920 073827




- capacity: 4 Ah
- voltage: 4.8 V
- size (diameter×length): 25 × 200 mm
- size: C

B9948 1/-/-/1

12 03 200 148 B9948



8 592920 073834



- capacity: 4 Ah
- voltage: 6 V
- size (diameter×length): 25 × 150 mm
- size: C

Battery chargers, powerbanks, USB chargers



Battery chargers

Charge 10



- thanks to the fast charging technology, it reliably charges the batteries in just 10 minutes
- will please with overheating protection or ECO mode for gentle charging of NiMH batteries
- it also has fully automatic intelligent charging and silent operation
- the charger includes 4 environmentally friendly AA batteries that last more than 700 charging cycles

- type of charger: intelligent
- charger design: separated AC cord
- power source: 100–240 V AC
- size of the charged cells: AAA, AA
- number of cells inside the package: 4
- type of cells inside the package: AA ReCyko Charge
- charging time of the enclosed cells: 00:10
- number of charging channels: 4
- number of batteries charged: 1 to 4
- charging current for AA: 10 000 mA
- charging current for AAA: 1 500 mA
- charging time AA 2 700 mAh: 0:30
- charging time AAA 1 000 mAh: 0:45
- packaging: 1 pc, small paper box



B56499

1/-/6/12

16 04 849 120

S491

- chemical constitution: NiMH
- type: HR6 (AA battery)
- voltage: 1.2 V
- capacity: 1 700 mAh
- number of charging cycles: more than 700
- dimensions: 14.5 × 50.5 mm
- weight: 26.2 g
- operating temperature: -20 °C to +50 °C
- packaging: 4 pcs, small paper box



B24294

4/-/40/400

10 33 224 170

170AAHCV

GP Battery chargers



- unique new design concept of NiMH battery chargers
- USB power supply and small size allow you to charge anytime, anywhere
- even basic models offer quick and smart charging
- high-quality GP rechargeable batteries and micro USB cable included
- “Pro” model with LED screen and advanced features



auto on/off



smart diagnostics



charge everywhere

- type of charger: intelligent
- charger design: USB
- power source: USB 5 V/2 A
- size of the charged cells: AAA, AA
- special features: capacity check, docking station
- number of cells inside the package: 4
- type of cells inside the package: AA ReCyko 2 700
- charging time of the enclosed cells: 1:30 - 3:30
- number of charging channels: 4

- number of batteries charged: 1 to 4
- charging current for AA: 1 800–900 mA
- charging current for AAA: 760–380 mA
- charging time AA 2 700 mAh: 1:30 - 3:30
- charging time AAA 1 000 mAh: 1:30 - 3:15
- packaging: 1 pc, small paper box



charging time



battery health care



capacity check



individual charging



ready to use



super strong



1 year storage



4 891199 199134

B54467D

16 04 846 110

1/-/6/12

P461

- type of charger: intelligent
- charger design: USB
- power source: USB 5 V/1 A
- size of the charged cells: AAA, AA
- number of cells inside the package: 4
- type of cells inside the package: AA ReCyko 2 700
- charging time of the enclosed cells: 2:45 - 5:30
- number of charging channels: 4
- number of batteries charged: 1 to 4

- charging current for AA: 1 100–550 mA
- charging current for AAA: 730–370 mA
- charging time AA 2 700 mAh: 2:45 - 5:30
- charging time AAA 1 000 mAh: 1:30 - 3:30
- packaging: 1 pc, small paper box



charging time



individual charging



ready to use



super strong



1 year storage



4 891199 195075

B53457

16 04 845 112

1/-/6/12

M451

- type of charger: intelligent
- charger design: USB
- power source: USB 5 V/1 A
- size of the charged cells: AAA, AA
- number of cells inside the package: 4
- type of cells inside the package: AA ReCyko Pro
- charging time of the enclosed cells: 2:00 - 4:00
- number of charging channels: 4
- number of batteries charged: 1 to 4

- charging current for AA: 1 100–550 mA
- charging current for AAA: 730–370 mA
- charging time AA 2 700 mAh: 2:45 - 5:30
- charging time AAA 1 000 mAh: 1:30 - 3:30
- packaging: 1 pc, small paper box



charging time



individual charging



ready to use



energy lock



5 years storage



4 891199 198335

B53455

16 04 845 111

1/-/6/12

M451

- type of charger: intelligent
- charger design: USB
- power source: USB 5 V/1 A
- size of the charged cells: AAA, AA
- number of charging channels: 4
- number of batteries charged: 1 to 4
- charging current for AA: 1 100–550 mA
- charging current for AAA: 730–370 mA
- charging time AA 2 700 mAh: 2:45 - 5:30

- charging time AAA 1 000 mAh: 1:30 - 3:30
- packaging: 1 pc, small paper box



charging time



individual charging



4 891199 198304

B53450

16 04 845 110

1/-/6/12

M451

- type of charger: intelligent
- charger design: USB
- power source: USB 5 V/1 A
- size of the charged cells: AAA, AA
- special features: USB adapter included
- number of cells inside the package: 4
- type of cells inside the package: AA ReCyko 2 700
- charging time of the enclosed cells: 7:30
- number of charging channels: 2
- number of batteries charged: 2 or 4
- charging current for AA: 400 mA
- charging current for AAA: 320 mA
- charging time AA 2 700 mAh: 7:30
- charging time AAA 1 000 mAh: 3:30
- packaging: 1 pc, small paper box



B52427U

1/-/6/12

16 04 842 110

B421

- type of charger: intelligent
- charger design: USB
- power source: USB 5 V/2 A
- size of the charged cells: AAA, AA, C, D, 9 V
- number of charging channels: 4
- number of batteries charged: 2 or 4
- charging current for AA: 370 mA
- charging current for AAA: 290 mA
- charging current for C: 550 mA
- charging current for D: 550 mA
- charging current for 9 V: 40-20 mA
- charging time AA 2 700 mAh: 8:00
- charging time AAA 1 000 mAh: 4:00
- packaging: 1 pc, small paper box



B55630

1/-/-/6

16 04 863 100

B631

- type of charger: intelligent
- charger design: USB
- power source: USB 5 V/1 A
- size of the charged cells: AAA, AA
- number of cells inside the package: 8
- type of cells inside the package: AA ReCyko 2 100, A
- charging time of the enclosed cells: 4-8 h
- number of charging channels: 4
- number of batteries charged: 2, 4, 6 or 8
- charging current for AA: 250 mA
- charging current for AAA: 250 mA
- charging time AA 2 700 mAh: 12:00
- charging time AAA 1 000 mAh: 5:00
- packaging: 1 pc, small paper box



B51819

1/-/-/12

16 04 881 100

E811

- type of charger: intelligent
- charger design: USB
- power source: USB 5 V/1 A
- size of the charged cells: AAA, AA
- number of cells inside the package: 4
- type of cells inside the package: AA ReCyko 2 100
- charging time of the enclosed cells: 8:00
- number of charging channels: 2
- number of batteries charged: 2 or 4
- charging current for AA: 300 mA
- charging current for AAA: 300 mA
- charging time AA 2 700 mAh: 10:00
- charging time AAA 1 000 mAh: 4:00
- packaging: 1 pc, small paper box



B51414

1/-/-/12

16 04 841 110

E411

- type of charger: intelligent
- charger design: USB
- power source: USB 5 V/1 A
- size of the charged cells: AAA, AA
- number of cells inside the package: 8
- type of cells inside the package: AA ReCyko 2 100, A
- charging time of the enclosed cells: 8:00
- number of charging channels: 2
- number of batteries charged: 2 or 4
- charging current for AA: 300 mA
- charging current for AAA: 300 mA
- charging time AA 2 700 mAh: 10:00
- charging time AAA 1 000 mAh: 4:00
- packaging: 1 pc, small paper box



B51418

1/-/-/12

16 04 841 111

E411



- type of charger: intelligent
- charger design: USB
- power source: USB 5 V/1 A
- size of the charged cells: AAA, AA
- number of cells inside the package: 2
- type of cells inside the package: AA ReCyko 2 100
- charging time of the enclosed cells: 8:00
- number of charging channels: 1
- number of batteries charged: 2

- charging current for AA: 300 mA
- charging current for AAA: 300 mA
- charging time AA 2 700 mAh: 10:00
- charging time AAA 1 000 mAh: 4:00
- packaging: 1 pc, small paper box



B51214

1/-/-12

16 04 821 110

E211



- type of charger: intelligent
- charger design: USB
- power source: USB 5 V/1 A
- size of the charged cells: AAA, AA
- number of cells inside the package: 2
- type of cells inside the package: AAA ReCyko 800
- charging time of the enclosed cells: 3:00
- number of charging channels: 1
- number of batteries charged: 2

- charging current for AA: 300 mA
- charging current for AAA: 300 mA
- charging time AA 2 700 mAh: 10:00
- charging time AAA 1 000 mAh: 4:00
- packaging: 1 pc, small paper box



B51211

1/-/-12

16 04 821 111

E211



EMOS Battery chargers

- for carefree charging of consumer NiMH batteries
- automatic start and end of charging
- capable of charging any number and size of batteries at the same time
- smart diagnostics and management of the charging process
- high final level of charge of the batteries
- other eco-friendly and safety features
- colour LEDs indicate the state of charge

- type of charger: intelligent
- charger design: USB
- power source: USB 5 V/2 A
- size of the charged cells: 10440 – 26650, AAA, AA, C
- special features: capacity check
- number of charging channels: 2
- number of batteries charged: 1 or 2
- charging current for AA: 1 000 mA
- charging current for AAA: 1 000 mA

- charging current for C: 1 000 mA
- charging time AA 2 700 mAh: 3:00
- charging time AAA 1 000 mAh: 1:15
- packaging: 1 pc, small paper box



N9221

1/-/-60

16 03 026 000

BCL-20D



- type of charger: intelligent
- charger design: USB
- power source: USB 5 V/1 A
- size of the charged cells: AAA, AA
- number of charging channels: 4
- number of batteries charged: 1 to 4
- charging current for AA: 300 mA
- charging current for AAA: 300 mA
- charging time AA 2 700 mAh: 10:00

- charging time AAA 1 000 mAh: 4:00
- packaging: 1 pc, small paper box



N9321

1/-/-60

16 03 027 000

BCN-40





www.emos.eu

Order Code
Item Number

Packaging
Type

- type of charger: intelligent
- charger design: USB
- power source: USB 5 V/1 A
- size of the charged cells: AAA, AA
- number of cells inside the package: 4
- type of cells inside the package: AA NiMH 2 700
- charging time of the enclosed cells: 4:00
- number of charging channels: 4
- number of batteries charged: 1 to 4
- charging current for AA: 1 000/500 mA
- charging current for AAA: 1 000/500 mA
- charging time AA 2 700 mAh: 3:00 - 4:00
- charging time AAA 1 000 mAh: 1:15 - 2:00
- packaging: 1 pc, small paper box



N9331

1/-/-/60

16 03 028 000

BCN-41D

- type of charger: intelligent
- charger design: USB
- power source: USB 5 V/1 A
- size of the charged cells: AAA, AA
- special features: capacity check
- number of cells inside the package: 4
- type of cells inside the package: AA NiMH 2 700
- charging time of the enclosed cells: 3:00
- number of charging channels: 4
- number of batteries charged: 1 to 4
- charging current for AA: 1 000-250 mA
- charging current for AAA: 1 000-250 mA
- charging time AA 2 700 mAh: 3:00 - 12:00
- charging time AAA 1 000 mAh: 1:15 - 5:00
- packaging: 1 pc, small paper box



N9341

1/-/-/40

16 03 029 000

BCN-42D

- type of charger: intelligent
- charger design: USB
- power source: USB 5 V/2 A
- size of the charged cells: AAA, AA, C, D, 9 V
- number of charging channels: 7
- number of batteries charged: 1 to 6
- charging current for AA: 500 mA
- charging current for AAA: 500 mA
- charging current for C: 500 mA
- charging current for D: 500 mA
- charging current for 9 V: 30 mA
- charging time AA 2 700 mAh: 6:30
- charging time AAA 1 000 mAh: 2:30
- packaging: 1 pc, small paper box



N9361

1/-/-/30

16 03 030 000

BCN-60U

Powerbanks

EMOS Powerbanks

- all models are compatible with USB-C or micro USB devices
- 6 electronic safety protection features
- cables with data transfer function are included
- certain models are featured with quick charge QC3.0 and PD18W
- excellent performance thanks to used high-quality battery and el.
- passthrough function, auto ON/OFF



- battery capacity: 10 000 mAh/38.5 Wh
- battery type: Li-Po 3.85 V
- fast charging: PD 20 W + SCP 22.5 W + Dash + War
- max.input power: 18 W
- type of input interface: 1× USB-C
- charging time: 4 hours (with QC)
- max.output power: 22.5 W
- type of output interface: 1× USB-A, 1× USB-C
- cable included: USB-A/USB-C, data
- LED charging indicator: yes
- LED battery status indicator: yes
- auto ON/OFF: yes
- passthrough: yes
- material: ABS plastic
- colour: black
- weight: 186 g
- dimensions: 109 × 68 × 20 mm



B0543B 1/-/-/28
16 13 054 300 WI 1023D

- battery capacity: 10 000 mAh/37 Wh
- battery type: Li-Po 3.7 V
- fast charging: PD 20 W + SCP 22.5 W + Dash + War
- max.input power: 18 W
- type of input interface: 1× micro USB, 1× USB-C
- charging time: 4 hours (with QC)
- max.output power: 22.5 W
- type of output interface: 2× USB-A, 1× USB-C
- cable included: USB-A/USB-C, data
- LED charging indicator: yes
- LED battery status indicator: yes
- auto ON/OFF: yes
- passthrough: yes
- material: ABS plastic
- colour: black
- weight: 261 g
- dimensions: 143 × 70 × 19 mm



B0542B 1/-/-/28
16 13 054 200 WI 1022D

- battery capacity: 20 000 mAh/74 Wh
- battery type: Li-Po 3.7 V
- fast charging: PD 20 W + SCP 22.5 W + Dash + War
- max.input power: 18 W
- type of input interface: 1× micro USB, 1× USB-C
- charging time: 7 hours (with QC)
- max.output power: 22.5 W
- type of output interface: 2× USB-A, 1× USB-C
- cable included: USB-A/USB-C, data
- LED charging indicator: yes
- LED battery status indicator: yes
- auto ON/OFF: yes
- passthrough: yes
- material: ABS plastic
- colour: black
- weight: 412 g
- dimensions: 142 × 67 × 27 mm



B0528B 1/-/-/24
16 13 052 800 ALPHAQ2 20

- battery capacity: 10 000 mAh/37 Wh
- battery type: Li-Po 3.7 V
- fast charging: PD 18 W + QC 3.0
- max.input power: 18 W
- type of input interface: 1× micro USB, 1× USB-C
- charging time: 4 hours (with QC)
- max.output power: 18 W
- type of output interface: 1× USB-A, 1× USB-C
- cable included: micro USB, USB-C, data
- LED charging indicator: yes
- LED battery status indicator: yes
- auto ON/OFF: yes
- passthrough: yes
- material: ABS plastic
- colour: black
- weight: 220 g
- dimensions: 138 × 68 × 16 mm



B0524B 1/-/-/28
16 13 052 400 ALPHAQ 10

- battery capacity: 20 000 mAh/74 Wh
- battery type: Li-Po 3.7 V
- fast charging: no
- max.input power: 10 W
- type of input interface: 1× micro USB, 1× USB-C
- charging time: 12 hours
- max.output power: 10 W
- type of output interface: 2× USB-A, 1× USB-C
- cable included: USB-A/USB-C, data
- LED charging indicator: yes
- LED battery status indicator: yes
- auto ON/OFF: yes
- passthrough: yes
- material: ABS plastic
- colour: black
- weight: 412 g
- dimensions: 142 × 67 × 27 mm



B0527B 1/-/-/24
16 13 052 700 ALPHA2 20

- battery capacity: 10 000 mAh/37 Wh
- battery type: Li-Po 3.7 V
- fast charging: no
- max.input power: 10 W
- type of input interface: micro USB
- charging time: 6 hours
- max.output power: 10,5 W
- type of output interface: 2× USB-A
- cable included: micro USB, USB-C, data
- LED charging indicator: yes
- LED battery status indicator: yes
- auto ON/OFF: yes
- passthrough: yes
- material: ABS plastic
- colour: black
- weight: 220 g
- dimensions: 138 × 68 × 16 mm



B0526B 1/-/-/28
16 13 052 600 ALPHA 10S

USB chargers

- faster charging than via USB port on laptop
- USB adapters for standard socket or car with 1–4 USB ports
- smart functions for fast charging and device protection
- minimum energy losses during transfer
- BASIC–Economy line of high-quality chargers
- SMART–Higher current allows charging multiple devices at once
- QUICK–Quick charging for devices with Qualcomm processors

max. output 1× USB: 5 V/2.1 A/10.5 W = max. output total: 5 V/3.1 A/15.5 W = input voltage: 100–240 V~50/60 Hz = charging: smart = number of USB outputs: 2 = protection against overload, overvoltage and short circuit = designed for: smartphone, tablet = dimensions: 80 × 39 × 27 mm = packaging: 1 pc, blister



V0125 1/-/4/36
17 04 012 500 V0125

max. output 1× USB: QC 3.0-2.0 (5-12 V/1.5-3.0 A/18 W) = max. output total: QC 3.0-2.0 (5-12 V/1.5-3.0 A/18 W) = input voltage: 100-240 V~ 50/60 Hz = charging: quick = number of USB outputs: 1 = protection against overload, overvoltage and short circuit = designed for: smartphone, tablet = dimensions: 87 × 44 × 25 mm = packaging: 1 pc, blister



V0123 1/-/-/50
17 04 012 300 V0123

max. output 1× USB: 5 V/1 A/5 W = max. output total: 5 V/1 A/5 W = input voltage: 100-240 V~ 50/60 Hz = charging: basic = number of USB outputs: 1 = protection against overload, overvoltage and short circuit = designed for: smartphone = dimensions: 78 × 34 × 21 mm = packaging: 1 pc, blister



V0122 1/-/25/50
17 04 012 200 V0122

max. output 1× USB: QC 3.0-2.0, PD (5-12 V/1.5-3.0 A/18 W) = max. output total: QC 3.0-2.0, PD (5-12 V/1.5-3.0 A/30 W) = input voltage: 100-240 V~ 50/60 Hz = charging: quick = number of USB outputs: 2 = protection against overload, overvoltage and short circuit = designed for: smartphone, tablet = dimensions: 91 × 54 × 27 mm = packaging: 1 pc, blister



V0120 1/-/-/56
17 04 012 000 V0120

max. output 1× USB: 5 V/2.0 A/10 W = max. output total: 5 V/3.1 A/15.5 W = input voltage: 100-240 V~ 50/60 Hz = charging: smart = number of USB outputs: 2 = protection against overload, overvoltage and short circuit = designed for: smartphone, tablet = power supply type: micro USB cable 1 m, USB-C reduction in packaging = dimensions: 85 × 46 × 26 mm = packaging: 1 pc, blister



V0119 1/-/-/25
17 04 011 900 V0119

max. output 1× USB: QC 3.0-2.0, PD (5-12 V/1.5-3.0 A/18 W) = max. output total: QC 3.0-2.0, PD (5-12 V/1.5-3.0 A/30 W) = input voltage: 12-24 V DC = charging: quick = number of USB outputs: 2 = protection against overload, overvoltage and short circuit = designed for: smartphone, tablet = dimensions: 63 × 37 × 27 mm = packaging: 1 pc, blister



V0220 1/-/-/64
17 04 022 000 V0220

max. output 1× USB: 5 V/2.1 A/10.5 W = max. output total: 5 V/2.1 A/10.5 W = input voltage: 12–24 V DC = charging: basic = number of USB outputs: 1 = protection against overload, overvoltage and short circuit = designed for: smartphone, tablet = LED indicators = power supply type: micro USB cable 1 m, USB-C reduction in packaging = dimensions: 65 × 28 × 28 mm = packaging: 1 pc, blister



V0219

1/-/-/25

17 04 021 900

V0219



max. output 1× USB: 5 V/1 A/5 W = max. output total: 5 V/1 A/5 W = input voltage: 12–24 V DC = charging: basic = number of USB outputs: 1 = protection against overload, overvoltage and short circuit = designed for: smartphone = LED indicators = dimensions: 57 × 28 mm = packaging: 1 pc, blister



V0218

1/-/20/40

17 04 021 800

V0218



max. output 1× USB: 5 V/2.1 A/10.5 W = max. output total: 5 V/3.1 A/15.5 W = input voltage: 12–24 V DC = charging: smart = number of USB outputs: 1 + 1× cable = protection against overload, overvoltage and short circuit = designed for: smartphone, tablet = dimensions: 81 × 26 × 22 mm = packaging: 1 pc, blister



V0217

1/-/20/40

17 04 021 700

V0217



max. output 1× USB: 3.6–12 V/1.5–3 A/18 W = max. output total: 3.6–12 V/1.5–3 A/18 W = input voltage: 12–24 V DC = charging: quick = number of USB outputs: 1 = protection against overload, overvoltage and short circuit = designed for: smartphone, tablet = LED indicators = dimensions: 60 × 32 × 33 mm = packaging: 1 pc, blister



V0215

1/-/20/40

17 04 021 500

V0215



max. output 1× USB: first USB QC 3.0-2.0 (3.6–12 V/1.5–3 A/18 W) + second USB 5 V/2.1 A/10.5 W = max. output total: 3.6–12 V/1.5–3 A/28.5 W = input voltage: 12–24 V DC = charging: quick = number of USB outputs: 2 = protection against overload, overvoltage and short circuit = designed for: smartphone, tablet = LED indicators = dimensions: 72 × 38 × 32 mm = packaging: 1 pc, blister



V0213

1/-/20/40

17 04 021 300

V0213



max. output 1× USB: 5 V/2.1 A/10.5 W = max. output total: 5 V/2.1 A/10.5 W = input voltage: 12–24 V DC = charging: smart = number of USB outputs: 2 = protection against overload, overvoltage and short circuit = designed for: smartphone, tablet = LED indicators = dimensions: 84 × 49 × 23 mm = packaging: 1 pc, blister



V0212
17 04 021 200

1/-/-/50
V0212

Universal adaptors

- EMOS adaptors come with a set of replaceable connectors
- SMPS suitable for light-current devices (torches, antennas)

max. output 1× USB: 5 V/2.0 A/10 W = max. output total: 5 V/2.0 A/10 W = input voltage: 100–240 V~ 50/60 Hz = number of USB outputs: 1 = protection against overload, overvoltage and short circuit = designed for: universal = LED indicators = output voltage: 3 V, 4.5 V, 5 V, 6 V, 7.5 V, 9 V, 12 V = output current: max. 2 250 mA = size of the connector: B 3.5/15; C 3.0×1.0/10; D 5.0×2.1/12; G 5.5×2.5/10; H 3.5×1.35/10; I 4×1.7/10; S 2.35×0.75/8.7 = power supply type: cable + set of DC connectors + USB out = dimensions: 50 × 80 × 32 mm = packaging: 1 pc, blister



N3113
17 03 225 021

1/-/-/24
N3113

max. output 1× USB: 5 V/2.0 A/10 W = max. output total: 5 V/2.0 A/10 W = input voltage: 100–240 V~ 50/60 Hz = number of USB outputs: 1 = protection against overload, overvoltage and short circuit = designed for: universal = LED indicators = output voltage: 3 V, 4.5 V, 5 V, 6 V, 7.5 V, 9 V, 12 V = output current: max. 1 500 mA = size of the connector: B 3.5/15; C 3.0×1.0/10; D 5.0×2.1/12; G 5.5×2.5/10; H 3.5×1.35/10; I 4×1.7/10; S 2.35×0.75/8.7 = power supply type: cable + set of DC connectors + USB out = dimensions: 50 × 80 × 32 mm = packaging: 1 pc, blister



N3112
17 03 150 021

1/-/-/24
N3112

max. output 1× USB: 5 V/2.0 A/10 W = max. output total: 5 V/2.0 A/10 W = input voltage: 100–240 V~ 50/60 Hz = number of USB outputs: 1 = protection against overload, overvoltage and short circuit = designed for: universal = LED indicators = output voltage: 3 V, 4.5 V, 5 V, 6 V, 7.5 V, 9 V, 12 V = output current: max. 1 000 mA = size of the connector: B 3.5/15; C 3.0×1.0/10; D 5.0×2.1/12; G 5.5×2.5/10; H 3.5×1.35/10; I 4×1.7/10; S 2.35×0.75/8.7 = power supply type: cable + set of DC connectors + USB out = dimensions: 50 × 80 × 32 mm = packaging: 1 pc, blister



N3111
17 03 100 021

1/-/-/24
N3111

input voltage: 100-240 V~ 50/60 Hz = protection against overload, overvoltage and short circuit = designed for: universal = LED indicators = output voltage: 3 V, 4.5 V, 5 V, 6 V, 7.5 V, 9 V, 12 V = output current: max. 600 mA = size of the connector: B 3.5×1.0/10; C 3.0×1.0/10; D 5.0×2.1/12; G 5.5×2.5/10; H 3.5×1.35/10; I 4×1.7/10; S 2.35×0.75/8.7 = power supply type: cable + set of DC connectors = dimensions: 36 × 66 × 30 mm = packaging: 1 pc, blister



N3110 1/-/-/24
17 03 060 021 N3110

Car battery chargers, testers

- for charging car batteries and other accumulators
- with voltage of 6 or 12 V and capacity of 1.2-120 Ah
- diagnoses type of connected battery, auto-selects programme
- adapts charging speed and intensity to ambient temperature
- non-stop connection extends battery life in rarely-used cars
- restores slightly damaged accumulators to original condition
- with short-circuit and reversed polarity protection

designed for: cars, motorcycles, backup batteries, lead acid battery WET (acid), MF (Maintenance Free), VRLA, AGM and GEL = charging: 6 V (1.2 Ah-14 Ah), 12 V (1.2 Ah-120 Ah) = charging cable: 1.8 m is terminated by clips = disulfation mode = sustaining mode = cold weather program = protection against short circuit and reverse polarity = entrance: 220-240 V AC/50 Hz/600 mA = IP rating: IP65 = packaging: 1 pc, box



N1014 1/-/-/12
16 06 025 000 EE04A

designed for: cars, motorbikes, backup accumulator, SLA battery WET (acid), MF (maintenance-free), VRLA, AGM + GEL and 12.8 V LiFePO4 = charging: 6 V (1.2 Ah-30 Ah), 12 V (1.2 Ah-30 Ah); 12.8 V LiFePO4 (2 Ah-15 Ah) = charging cable: 1.8 m is terminated by clips = disulfation mode = sustaining mode = protection against short circuit and reverse polarity = entrance: 220-240 V AC/50 Hz/300 mA = IP rating: IP65 (charger cover) = packaging: 1 pc, box



N1015 1/-/-/20
16 08 000 001 E-CC008A

Flashlights



GP Flashlights

GP Xplor

- ultra-light trail running headlamps
- natural part of sports and professional equipment
- quality CREE LED chips for high luminous flux: 300–500 lm
- water-resistant (IPX6) and impact-resistant (from up to 1 m)
- AAA powered or as a rechargeable version
- compatible with single-use and rechargeable batteries
- Button Lock – protects against switching on accidentally



- source of light: 3× CREE SMD LED
- maximal light output: 500 lm
- maximal beam distance: 85 m
- number of lighting modes: 10
- runtime: 60 s – 100 hrs
- focus: no
- reflective head strap
- impact resistance: 1 m
- waterproof: IPX6
- charging
- power supply: Li-Po
- battery type: Li-Po 1 600 mAh
- batteries included
- special function: button lock mode
- accessories: USB-C cable
- dimensions: 56 × 38 × 39 mm
- weight: 59.5 g
- packaging: 1 pc, small paper box



P8567

1/-/-/10

14 51 085 670

PHR17

- source of light: 2× CREE SMD LED
- maximal light output: 300 lm
- maximal beam distance: 50 m
- number of lighting modes: 9
- runtime: 60 s – 45 hrs
- focus: no
- reflective head strap
- impact resistance: 1 m
- waterproof: IPX6
- charging
- power supply: Li-Po
- battery type: Li-Po 800 mAh
- batteries included
- special function: button lock mode
- accessories: USB-C cable
- dimensions: 56 × 38 × 34 mm
- weight: 44 g
- packaging: 1 pc, small paper box



P8566

1/-/-/10

14 51 085 660

PHR16

- source of light: 2× Osram SMD LED
- maximal light output: 1 200 lm
- maximal beam distance: 110 m
- number of lighting modes: 11
- runtime: 2-100 hrs
- focus: no
- reflective head strap
- impact resistance: 1.5 m
- waterproof: IPX8
- charging
- power supply: Li-ion/2× CR123A
- battery type: 18650/3,7 V/2 550 mAh
- batteries included
- special function: button lock mode
- accessories: USB-A=>USB-C cable 30 cm
- dimensions: 91.5 × 39 × 51 mm
- weight: 90 g/151 g
- packaging: 1 pc, small paper box

**P8569**

1/-/-/10

14 51 701 900

PHR19

GP Discovery



- quality all-metal GP torches and headlamps for daily use
- powerful yet efficient LED chips (CREE LED in some models)
- compatible with alkaline and rechargeable batteries
- anti-scratch surface finish
- water-resistance up to IPX7 (CR41 usable briefly underwater)



- source of light: CREE SMD LED
- maximal light output: 600 lm
- maximal beam distance: 130 m
- number of lighting modes: 5
- runtime: 40 s – 60 hrs
- focus: no
- reflective head strap: no
- impact resistance: 1 m
- waterproof: IPX4
- charging
- power supply: Li-Ion
- battery type: 18650/3,7 V/2 600 mAh
- batteries included
- special function: button lock mode
- accessories: micro USB cable
- dimensions: 106 × 27 × 27 mm
- weight: 153 g
- packaging: 1 pc, blister

**P8555**

1/-/-/10

14 51 703 500

CHR35

- source of light: CREE SMD LED
- maximal light output: 300 lm
- maximal beam distance: 157 m
- number of lighting modes: 4
- runtime: 5-69 hrs
- focus: no
- reflective head strap: no
- impact resistance: 1 m
- waterproof: IPX6
- charging
- power supply: 3× AAA
- battery type: HR03 (1.5 V)
- batteries included
- special function: auto-dimming mode, button lock m
- accessories: micro USB cable
- dimensions: 34 × 46 × 56 mm
- weight: 110 g
- packaging: 1 pc, small paper box

**P8572**

1/-/6/24

14 51 704 101

CHR41

- source of light: CREE SMD LED
- maximal light output: 300 lm
- maximal beam distance: 157 m
- number of lighting modes: 4
- runtime: 5-69 hrs
- focus: no
- reflective head strap: no
- impact resistance: 1 m
- waterproof: IPX6
- charging: no
- power supply: 3× AAA
- battery type: LR03 (1.5 V)
- batteries included
- special function: touchless dimming
- dimensions: 34 × 46 × 56 mm
- weight: 110 g
- packaging: 1 pc, small paper box

**P8571**

1/-/6/24

14 51 704 600

CH46

- source of light: 4× LED
- maximal light output: 40 lm
- maximal beam distance: 8 m
- number of lighting modes: 3
- runtime: 2–6 hrs
- focus: no
- reflective head strap: no
- impact resistance: 1 m
- waterproof: no
- charging: no
- power supply: 2× CR2025
- batteries included
- dimensions: 37 × 36 × 20 mm
- weight: 31 g
- packaging: 1 pc, blister



P8551P 1/-/-/12
14 51 703 102 CH31

- source of light: 4× LED
- maximal light output: 40 lm
- maximal beam distance: 8 m
- number of lighting modes: 3
- runtime: 2–6 hrs
- focus: no
- reflective head strap: no
- impact resistance: 1 m
- waterproof: no
- charging: no
- power supply: 2× CR2025
- batteries included
- dimensions: 37 × 36 × 20 mm
- weight: 31 g
- packaging: 1 pc, blister



P8551B 1/-/-/12
14 51 703 103 CH31

- source of light: CREE SMD LED
- maximal light output: 650 lm
- maximal beam distance: 135 m
- number of lighting modes: 4
- runtime: 5.5–40 hrs
- focus
- impact resistance: 1 m
- waterproof: IPX7
- rechargeable
- battery: Li-Ion
- battery type: 18650/3.7 V/2 600 mAh
- batteries included
- recharge time: 3 hrs
- power connector type: micro USB
- features: textile loop
- dimensions: 33 × 136 mm
- weight: 179 g
- packaging: 1 pc, blister



P8511 1/-/-/12
14 51 704 100 CR41

- source of light: CREE SMD LED
- maximal light output: 300 lm
- maximal beam distance: 100 m
- number of lighting modes: 3
- runtime: 4.5–15 hrs
- focus
- impact resistance: 1 m
- waterproof: IPX4
- rechargeable: no
- battery: 3× AAA
- battery type: LR03 (1.5 V)
- batteries included
- features: textile loop
- dimensions: 32 × 108 mm
- weight: 120 g
- packaging: 1 pc, blister



P8506 1/-/-/12
14 51 703 200 C32

- source of light: COB LED + CREE SMD LED
- maximal light output: 180 lm
- maximal beam distance: 100 m
- number of lighting modes: 3
- runtime: 2–20 hrs
- focus
- impact resistance: 1 m
- waterproof: IPX4
- rechargeable: no
- battery: 2× AA
- battery type: LR6 (1,5 V)
- batteries included
- features: magnet, metal clip
- dimensions: 26 × 165 mm
- weight: 128 g
- packaging: 1 pc, blister



P8504 1/-/-/12
14 51 703 300 C33

- source of light: 1× LED
- maximal light output: 20 lm
- maximal beam distance: 25 m
- number of lighting modes: 1
- runtime: 3 hrs
- impact resistance: 1 m
- waterproof: IPX4
- rechargeable: no
- battery: 1× AAA
- battery type: LR03 (1.5 V)
- batteries included
- features: metal snap-hook
- dimensions: 18 × 89 mm
- weight: 37 g
- packaging: 1 pc, small paper box



P8502 1/-/12/72
14 51 701 200 CK12

- source of light: CREE SMD LED
- maximal light output: 100 lm
- maximal beam distance: 75 m
- number of lighting modes: 2
- runtime: 2-7 hours
- impact resistance: 1 m
- waterproof: IPX4
- rechargeable: no
- battery: 1× AA
- battery type: LR6 (1,5 V)
- batteries included
- features: textile loop
- dimensions: 22.5 × 95 mm
- weight: 64 g
- packaging: 1 pc, small paper box



P8507 1/-/-/12
14 51 703 110 C31X

- source of light: 2× SMD LED
- maximal light output: 110 lm
- maximal beam distance: 40 m
- number of lighting modes: 4
- runtime: 15 hours
- focus: no
- reflective head strap: no
- impact resistance: 1 m
- waterproof: IP43
- charging: no
- power supply: 3× AAA
- battery type: LR03 (1.5 V)
- batteries included
- dimensions: 59 × 46 × 34 mm
- weight: 29 g/65 g
- packaging: 1 pc, small paper box



P8582 1/-/-/10
14 51 704 200 CH42

- source of light: 2× SMD LED + LED
- maximal light output: 150 lm
- maximal beam distance: 45 m
- number of lighting modes: 5
- runtime: 36 hours
- focus: no
- reflective head strap: no
- impact resistance: 1 m
- waterproof: IPX4
- charging: no
- power supply: 3× AAA
- battery type: LR03 (1.5 V)
- batteries included
- dimensions: 61 × 47 × 37 mm
- weight: 42 g/78 g
- packaging: 1 pc, small paper box



P8583 1/-/-/10
14 51 704 300 CH43

- source of light: 2× SMD LED
- maximal light output: 300 lm
- maximal beam distance: 60 m
- number of lighting modes: 6
- runtime: 36 hours
- focus: no
- reflective head strap: no
- impact resistance: 1 m
- waterproof: IPX4
- charging: no
- power supply: 3× AAA
- battery type: LR03 (1.5 V)
- batteries included
- special function: touchless control
- dimensions: 61 × 47 × 37 mm
- weight: 42 g/78 g
- packaging: 1 pc, small paper box



P8584 1/-/-/10
14 51 704 400 CH44

- source of light: 2× CREE SMD LED
- maximal light output: 280 lm
- maximal beam distance: 90 m
- number of lighting modes: 6
- runtime: 25 hours
- focus: no
- reflective head strap: no
- impact resistance: 5 m
- waterproof: IPX5
- charging: no
- power supply: 3× AAA
- battery type: LR03 (1.5 V)
- batteries included
- dimensions: 66 × 49 × 37 mm
- weight: 95 g
- packaging: 1 pc, small paper box



P8573 1/-/-/10
14 51 705 300 CHW53

- source of light: 2× CREE SMD LED
- maximal light output: 375 lm
- maximal beam distance: 110 m
- number of lighting modes: 4
- runtime: 26 hours
- focus: no
- reflective head strap: no
- impact resistance: 5 m
- waterproof: IPX5
- charging: no
- power supply: 3× AAA
- battery type: LR03 (1.5 V)
- batteries included
- special function: touchless dimming
- dimensions: 66 × 49 × 37 mm
- weight: 62 g/98 g
- packaging: 1 pc, small paper box



P8574 1/-/-/10
14 51 705 400 CHW54

EMOS Flashlights

LED Metal Flashlights

ULTIBRIGHT Flashlights

ULTIBRIGHT

- ULTIBRIGHT premium flashlights – compact, durable and reliable
- distinguished by an elegant red ring
- designer flashlights made of durable metal
- reliably withstand impact from falling onto a hard surface
- extraordinary luminous flux and beam distance thanks to a brand-name CREE LED chip
- easy to keep on hand thanks to their compact size practical clip and reliable strap

- source of light: CREE LED
- maximal light output: 1 200 lm
- maximal beam distance: 280 m
- number of lighting modes: 3
- runtime: 3–11 hrs
- focus: yes (screwable)
- impact resistance
- waterproof: yes (IP65)
- rechargeable
- battery: Li-Ion 26650
- battery type: 5 000 mAh/3.7 V
- batteries included
- recharge time: 11.5 hrs
- power connector type: USB C
- features: hand strap
- dimensions: 157 × 40 × 40 mm
- weight: 203 g
- packaging: 1 pc, box



P3190 1/-/4/16
14 50 000 340 P3190

- source of light: CREE LED
- maximal light output: 600 lm
- maximal beam distance: 230 m
- number of lighting modes: 3
- runtime: 3,5–12 hrs
- focus: yes (screwable)
- impact resistance
- waterproof: yes (IP65)
- rechargeable



- battery: Li-Ion 18650
- battery type: 2 600 mAh/3.7 V
- batteries included
- recharge time: 4.5 hrs
- power connector type: USB C
- features: hand strap
- dimensions: 151 × 34 × 34 mm
- weight: 189 g
- packaging: 1 pc, box



P3180
14 50 000 330

1/-/4/16
P3180

- source of light: CREE LED
- maximal light output: 340 lm
- maximal beam distance: 200 m
- number of lighting modes: 2
- runtime: 3–5,5 hrs
- focus: yes (screwable)
- impact resistance
- waterproof: yes (IP65)
- rechargeable: no



- battery: 3× AAA
- battery type: LR03 (1.5 V)
- batteries included: no
- features: clip, loop
- dimensions: 123 × 34 × 34 mm
- weight: 112 g
- packaging: 1 pc, box



P3170
14 40 013 123

1/-/4/16
P3170

- source of light: CREE LED
- maximal light output: 170 lm
- maximal beam distance: 100 m
- number of lighting modes: 1
- runtime: 2,5 hrs
- impact resistance
- waterproof: yes (IP65)
- rechargeable: no
- battery: 1× AA



- battery type: LR6 (1,5 V)
- batteries included: no
- features: clip, loop
- dimensions: 101 × 22 × 22 mm
- weight: 47 g
- packaging: 1 pc, box



P3160
14 40 011 203

1/-/8/32
P3160

- source of light: CREE LED
- maximal light output: 100 lm
- maximal beam distance: 65 m
- number of lighting modes: 1
- runtime: 3 hrs
- impact resistance
- waterproof: yes (IP65)
- rechargeable: no
- battery: 1× AAA



- battery type: LR03 (1,5 V)
- batteries included: no
- features: clip, loop
- dimensions: 100 × 16 × 16 mm
- weight: 32 g
- packaging: 1 pc, box



P3150
14 40 011 100

1/-/8/32
P3150

EMOS Flashlights

- quality aluminium casing ensures lightness and durability
- battery-powered and rechargeable
- run time up to 35 hours
- maximal beam distance up to 230 m

- source of light: LED
- maximal light output: 600 lm
- maximal beam distance: 230 m
- number of lighting modes: 3
- runtime: 4-8 hrs
- focus
- impact resistance
- waterproof: yes (IP44)
- rechargeable



- battery: Li-Ion 18650 or 3× AAA
- battery type: 2 000 mAh/3.7 V or LR03 (1.5 V)
- batteries included
- recharge time: 4 hrs
- power connector type: USB C
- features: hand strap
- dimensions: 183 × 41 × 41 mm
- packaging: 1 pc, box



P3116 1/-/10/20
14 40 011 500 P3116

- source of light: LED
- maximal light output: 500 lm
- maximal beam distance: 160 m
- number of lighting modes: 3
- runtime: 5.5-22 hrs
- focus
- impact resistance
- waterproof: yes (IP44)
- rechargeable: no



- battery: 4× AAA
- battery type: LR03 (1.5 V)
- batteries included: no
- features: hand strap
- dimensions: 128 × 37 × 37 mm
- weight: 129 g
- packaging: 1 pc, paper blister



P3115 1/-/6/24
14 40 014 100 P3115

- source of light: LED
- maximal light output: 330 lm
- maximal beam distance: 120 m
- number of lighting modes: 3
- runtime: 10-27 hrs
- focus
- impact resistance
- waterproof: yes (IP44)
- rechargeable: no



- battery: 3× AAA
- battery type: LR03 (1.5 V)
- batteries included: no
- features: hand strap
- dimensions: 128 × 37 × 37 mm
- weight: 121 g
- packaging: 1 pc, paper blister



P3114 1/-/6/24
14 40 013 125 P3114

- source of light: LED
- maximal light output: 120 lm
- maximal beam distance: 90 m
- number of lighting modes: 1
- runtime: 7 hrs
- focus
- impact resistance
- waterproof: yes (IP44)
- rechargeable: no



- battery: 2× AAA
- battery type: LR03 (1.5 V)
- batteries included: no
- features: hand strap
- dimensions: 131 × 21 × 21 mm
- weight: 48 g
- packaging: 1 pc, paper blister



P3113 1/-/6/30
14 40 012 111 P3113

- source of light: COB LED + LED
- maximal light output: 270 lm
- maximal beam distance: 145 m
- number of lighting modes: 5
- runtime: 4-15 hrs
- impact resistance
- waterproof: yes (IP44)
- rechargeable: no
- battery: 2× AA



- battery type: LR6 (1,5 V)
- batteries included: no
- features: clip, 1× magnet
- dimensions: 171 × 30 × 30 mm
- weight: 108 g
- packaging: 1 pc, paper blister



P3112
14 40 022 200

1/-/6/24
P3112

- source of light: LED + COB LED
- maximal light output: 230 lm
- maximal beam distance: 210 m
- number of lighting modes: 3
- runtime: 1.5-6 hrs
- focus
- impact resistance: no
- waterproof: no
- rechargeable: no



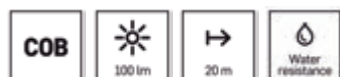
- battery: 3× AAA
- battery type: LR03 (1.5 V)
- batteries included: no
- features: loop, 1× magnet
- dimensions: 150 × 37 × 37 mm
- weight: 158 g
- packaging: 1 pc, blister



P3111
14 40 813 170

1/-/6/18
E-1631-1

- source of light: COB LED
- maximal light output: 100 lm
- maximal beam distance: 20 m
- number of lighting modes: 1
- runtime: 28 hrs
- impact resistance
- waterproof: yes (IP43)
- rechargeable: no
- battery: 3× AAA



- battery type: LR03 (1.5 V)
- batteries included: no
- features: hand strap
- dimensions: 102 × 28 × 28 mm
- packaging: 1 pc, blister



P4704
14 40 813 150

1/-/12/60
E-2217

- source of light: COB LED
- maximal light output: 100 lm
- maximal beam distance: 15 m
- number of lighting modes: 1
- runtime: 35 hrs
- impact resistance
- waterproof: no
- rechargeable: no
- battery: 3× AAA



- battery type: LR03 (1.5 V)
- batteries included: no
- features: hand strap
- dimensions: 85 × 25 × 25 mm
- weight: 34 g
- packaging: 1 pc, blister



P3894
14 40 813 110

1/-/12/60
E3221

EMOS Flashlights

LED Plastic Flashlights

- efficient, yet inexpensive light source
- compact and light
- for battery types: AA, AAA or D
- run time up to 140 hours
- maximal beam distance up to 305 m

- source of light: SMD LED + LED
- maximal light output: 215 lm
- maximal beam distance: 305 m
- number of lighting modes: 5
- runtime: 90 hrs
- impact resistance: no
- waterproof: no
- rechargeable: no
- battery: 3× AA



- battery type: LR6 (1,5 V)
- batteries included: no
- dimensions: 80 × 130 × 150 mm
- weight: 210 g
- packaging: 1 pc, box

**P4008**

1/-/8/16

14 47 013 200

P4008

- source of light: LED
- maximal light output: 75 lm
- maximal beam distance: 130 m
- number of lighting modes: 1
- runtime: 72 hrs
- focus
- impact resistance
- waterproof: yes (IP43)
- rechargeable: no



- battery: 3× AAA
- battery type: LR03 (1.5 V)
- batteries included: no
- features: hand strap
- dimensions: 120 × 35 × 35 mm
- weight: 83 g
- packaging: 1 pc, paper blister

**P4702**

1/-/10/50

14 40 013 114

E-1512

- source of light: LED
- maximal light output: 55 lm
- maximal beam distance: 125 m
- number of lighting modes: 1
- runtime: 16 hrs
- impact resistance
- waterproof: no
- rechargeable: no
- battery: 2× AA



- battery type: LR6 (1,5 V)
- batteries included: no
- features: hand strap
- dimensions: 155 × 45 × 45 mm
- weight: 73 g
- packaging: 1 pc, paper blister

**P3210**

1/-/6/24

14 40 004 904

E-5134

- source of light: LED
- maximal light output: 20 lm
- maximal beam distance: 35 m
- number of lighting modes: 1
- runtime: 30 hrs
- impact resistance
- waterproof: yes (IP43)
- rechargeable: no
- battery: 2× AA

- battery type: LR6 (1,5 V)
- batteries included: no
- features: hand strap
- dimensions: 162 × 43 × 43 mm
- weight: 85 g
- packaging: 1 pc, paper blister



P3861
14 40 032 202

1/-/-/24
HL-R0217-2AA

- source of light: LED
- maximal light output: 20 lm
- maximal beam distance: 75 m
- number of lighting modes: 1
- runtime: 140 hrs
- impact resistance: no
- waterproof: yes (IP43)
- rechargeable: no
- battery: 2× D

- battery type: LR20 (1.5 V)
- batteries included: no
- features: hand strap
- dimensions: 190 × 68 × 68 mm
- weight: 216 g
- packaging: 1 pc, paper blister



P3862
14 40 032 400

1/-/-/10
HL-R0217-2D

- source of light: COB LED
- maximal light output: 300 lm
- maximal beam distance: 15 m
- number of lighting modes: 1
- runtime: 5 hrs
- impact resistance
- rechargeable: no
- battery: 3× AA
- battery type: LR6 (1,5 V)

- batteries included: no
- features: 1× hook, 1× magnet
- dimensions: 85 × 130 × 85mm
- packaging: 1 pc, box



P4006
14 47 003 100

1/-/-/16
E-6020

- source of light: LED
- maximal light output: 10 lm
- maximal beam distance: 7 m
- number of lighting modes: 2
- runtime: 25–35 hrs
- rechargeable: no
- battery: 1× AAA
- battery type: LR03 (1.5 V)
- batteries included: no

- features: clip
- dimensions: 259 × 20 × 25 mm
- weight: 30 g
- packaging: 1 pc, blister



P3400
14 40 211 100

1/-/10/20
P3400

LED Headlights

- indispensable part of outdoor gear
- selected models contains top quality CREE LED chips
- battery-powered and rechargeable models
- multiple light modes
- maximal beam distance up to 200 m
- run time up to 50 hours

- source of light: COB LED + LED
- maximal light output: 380 lm
- maximal beam distance: 30 m
- number of lighting modes: 4
- runtime: 3–12 hrs
- focus: no
- reflective head strap: no
- impact resistance
- waterproof: yes (IP43)



- charging
- power supply: Li-pol
- battery type: 1 200 mAh/3.7 V
- batteries included
- special function: hand-operated switching, quick swi
- accessories: USB-C cable
- dimensions: 300 × 3.2 × 20 mm
- weight: 73 g
- packaging: 1 pc, small paper box



P3541

1/-/6/24

14 41 292 150

P3541

- source of light: CREE LED
- maximal light output: 230 lm
- maximal beam distance: 80 m
- number of lighting modes: 4
- runtime: 3–13 hrs
- focus: no
- reflective head strap
- impact resistance
- waterproof: no



- charging
- power supply: Li-pol
- battery type: 1 200 mAh (3.7 V)
- batteries included
- special function: hand-operated switching, quick swi
- accessories: power cable
- dimensions: 61 × 37 × 31 mm
- weight: 60 g
- packaging: 1 pc, paper blister



P3534

1/-/10/40

14 41 250 920

E-943

- source of light: CREE LED + 4 × SMD
- maximal light output: 110 lm
- maximal beam distance: 55 m
- number of lighting modes: 3
- runtime: 3–7 hrs
- focus: no
- reflective head strap
- impact resistance: no
- waterproof: no



- charging
- power supply: Li-pol
- battery type: 850 mAh (3.7 V)
- batteries included
- special function: quick switch ON/OFF, battery prote
- accessories: power cable
- dimensions: 47 × 31 × 54 mm
- weight: 64 g
- packaging: 1 pc, paper blister



P3535

1/-/6/36

14 41 251 900

E-HL030

- source of light: CREE LED + COB LED (green, red) +
- maximal light output: 330 lm
- maximal beam distance: 65 m
- number of lighting modes: 7
- runtime: 18–72 hrs
- focus: no
- reflective head strap
- impact resistance
- waterproof: yes (IP44)



- charging: no
- power supply: 3 × AAA + 1 × CR2032
- battery type: LR03 (1.5 V) + CR2032 (3 V)
- batteries included: 1 × CR2032
- special function: quick switch ON/OFF
- accessories: helmet hooks
- dimensions: 65 × 32 × 39 mm
- weight: 80 g/115 g
- packaging: 1 pc, paper blister



P3531

1/-/6/24

14 41 233 110

E1801

- source of light: CREE LED + 2× red LED
- maximal light output: 330 lm
- maximal beam distance: 200 m
- number of lighting modes: 5
- runtime: 50–87 hrs
- focus
- reflective head strap: no
- impact resistance
- waterproof: yes (IP43)



- charging: no
- power supply: 3× AAA
- battery type: LR03 (1.5 V)
- batteries included: no
- special function: quick switch ON/OFF, focus
- dimensions: 60 × 48 × 43 mm
- weight: 70 g/105 g
- packaging: 1 pc, paper blister



P3539

1/-/6/24

14 41 341 100

P3539

- source of light: LED + COB LED (green, red)
- maximal light output: 220 lm
- maximal beam distance: 100 m
- number of lighting modes: 7
- runtime: 45–160 hrs
- focus: no
- reflective head strap
- impact resistance
- waterproof: yes (IP43)



- charging: no
- power supply: 3× AAA
- battery type: LR03 (1.5 V)
- batteries included: no
- special function: quick switch ON/OFF
- dimensions: 65 × 45 × 50 mm
- weight: 65 g/100 g
- packaging: 1 pc, paper blister



P3536

1/-/6/24

14 41 263 110

E-HL117

- source of light: COB LED (white, red)
- maximal light output: 125 lm
- maximal beam distance: 20 m
- number of lighting modes: 3
- runtime: 9–19 hrs
- focus: no
- reflective head strap: no
- impact resistance
- waterproof: yes (IP44)



- charging: no
- power supply: 3× AAA
- battery type: LR03 (1.5 V)
- batteries included: no
- special function: battery protection
- dimensions: 69 × 43 × 46 mm
- weight: 54 g/89 g
- packaging: 1 pc, paper blister



P3532

1/-/6/24

14 41 233 120

E-923

- source of light: COB LED
- maximal light output: 150 lm
- maximal beam distance: 20 m
- number of lighting modes: 3
- runtime: 8–27 hrs
- focus: no
- reflective head strap
- impact resistance
- waterproof: no



- charging: no
- power supply: 3× AAA
- battery type: LR03 (1.5 V)
- batteries included: no
- dimensions: 60 × 40 × 40 mm
- weight: 53 g/88 g
- packaging: 1 pc, paper blister



P3528

1/-/6/24

14 41 203 100

E-1450

- source of light: LED + 2× red LED
- maximal light output: 85 lm
- maximal beam distance: 65 m
- number of lighting modes: 4
- runtime: 50–120 hrs
- focus: no
- reflective head strap
- impact resistance
- waterproof: yes (IP43)



- charging: no
- power supply: 3× AAA
- battery type: LR03 (1.5 V)
- batteries included: no
- special function: quick switch ON/OFF
- dimensions: 58 × 38 × 44 mm
- weight: 54 g/89 g
- packaging: 1 pc, paper blister



P3521

1/-/8/32

14 41 162 100

HL-H0520

- source of light: COB LED
- maximal light output: 110 lm
- maximal beam distance: 15 m
- number of lighting modes: 3
- runtime: 20–40 hrs
- focus: no
- reflective head strap: no
- impact resistance
- waterproof: no
- charging: no
- power supply: 3× AAA
- battery type: LR03 (1.5 V)
- batteries included: no
- dimensions: 60 × 18 × 40 mm
- weight: 21 g/56 g
- packaging: 1 pc, paper blister

**P3537**

1/-/12/48

14 41 273 110

E-HL120

- source of light: 3× LED
- maximal light output: 12 lm
- maximal beam distance: 12 m
- number of lighting modes: 3
- runtime: 55 hrs
- focus: no
- reflective head strap
- impact resistance
- waterproof: yes (IP44)
- charging: no
- power supply: 2× CR2032
- batteries included
- weight: 47 g
- packaging: 8 pcs, display box

**P3540**

8/-/8/24

14 41 212 901

P3540

EMOS Flashlights

LED Work Lights

LED Rechargeable Work Lights

- with quality SMD/COB LED chips, lights the whole workspace
- adapter for standard socket or car, some types also feature a power bank function
- adjustable body and numerous magnets and hooks for easy work
- reinforced ABS plastic – withstands most impacts and falls
- selected models are equipped with a powerbank function

- source of light: 2× COB LED
- maximal light output: 2 000 lm
- maximal beam distance: 70 m
- number of lighting modes: 5
- runtime: 3.5–14.5 hrs
- impact resistance
- waterproof: no
- rechargeable
- battery: Li-Ion accumulator
- battery type: 8 000 mAh/3.7 V
- batteries included
- recharge time: 7 hrs
- power connector type: USB C
- features: swivel handle, 4× magnet
- dimensions: 214 × 140 (280) × 56 mm
- weight: 818 g
- packaging: 1 pc, box

**P4536**

1/-/4/8

14 50 000 320

E-17172

- source of light: COB LED
- maximal light output: 1 000 lm
- maximal beam distance: 45 m
- number of lighting modes: 3
- runtime: 3.5–15.5 hrs
- impact resistance
- waterproof: yes (IP44)
- rechargeable
- battery: Li-Ion accumulator

- battery type: 4 400 mAh/3.7 V
- batteries included
- recharge time: 7.5 hrs
- power connector type: micro USB B
- features: swivel handle
- dimensions: 172 × 45 × 126 mm
- weight: 453 g
- packaging: 1 pc, box

**P4533**

1/-/-/10

14 50 000 300

E-5145

- source of light: COB LED
- maximal light output: 600 lm
- maximal beam distance: 35 m
- number of lighting modes: 2
- runtime: 2.5–3.5 hrs
- impact resistance
- waterproof: yes (IP44)
- rechargeable
- battery: Li-Ion accumulator

- battery type: 3 000 mAh/3.7 V
- batteries included
- recharge time: 3.5 hrs
- power connector type: micro USB B
- features: swivel handle
- dimensions: 172 × 45 × 126 mm
- weight: 436 g
- packaging: 1 pc, box

**P4534**

1/-/-/10

14 50 000 310

E1204

- source of light: COB LED
- maximal light output: 1 000 lm
- maximal beam distance: 40 m
- number of lighting modes: 3
- runtime: 3–17 hrs
- impact resistance
- waterproof: yes (IP44)
- rechargeable
- battery: Li-Ion

- battery type: 2 200 mAh/3.7 V
- batteries included
- recharge time: 3 hrs
- power connector type: USB C
- features: magnet, stand, clip
- dimensions: 104 × 39 × 94 mm
- packaging: 1 pc, box

**P4539**

1/-/-/10

14 50 000 390

P4539

- source of light: COB LED + LED
- maximal light output: 470 lm
- maximal beam distance: 45 m
- number of lighting modes: 3
- runtime: 2.5–8 hrs
- impact resistance
- waterproof: no
- rechargeable
- battery: Li-Ion accumulator

- battery type: 1 800 mAh/3.7 V
- batteries included
- recharge time: 3.5 hrs
- features: swivel handle, clip, 1× hook, 2× magnet
- dimensions: 52 × 41 × 242 mm
- weight: 256 g
- packaging: 1 pc, box

**P4532**

1/-/-/16

14 50 000 290

E-7712

- source of light: COB LED + 5× LED
- maximal light output: 500 lm
- maximal beam distance: 30 m
- number of lighting modes: 3
- runtime: 2–26 hrs
- impact resistance
- waterproof: yes (IP43)
- rechargeable
- battery: Li-Ion accumulator

- battery type: 2 000 mAh/3.7 V
- batteries included
- recharge time: 3 hrs
- power connector type: 3.0 × 1.0/12 mm
- features: swivel handle, 1× hook, 3× magnet
- dimensions: 76 × 66 × 317 mm
- weight: 537 g
- packaging: 1 pc, box

**P4525**

1/-/-/12

14 50 000 240

E708A-COB+5

- source of light: COB LED + LED
- maximal light output: 380 lm
- maximal beam distance: 27 m
- number of lighting modes: 3
- runtime: 3.5–24 hrs
- impact resistance
- waterproof: yes (IP43)
- rechargeable
- battery: Li-Ion accumulator

- battery type: 2 500 mAh/3.7 V
- batteries included
- recharge time: 4 hrs
- power connector type: –
- features: swivel handle, 1× hook, 2× magnet
- dimensions: 56 × 50 × 240 mm
- weight: 265 g
- packaging: 1 pc, box



P4518 1/-/6/12
14 50 000 180 E709A-COB3W+6

- source of light: 2× COB LED + LED
- maximal light output: 670 lm
- maximal beam distance: 40 m
- number of lighting modes: 3
- runtime: 2–10 hrs
- impact resistance: no
- waterproof: no
- rechargeable
- battery: Li-Ion accumulator

- battery type: 2 200 mAh/3.7 V
- batteries included
- recharge time: 3 hrs
- power connector type: USB C
- features: 1× hook, 4× magnet
- dimensions: 35 × 33 × 257 mm
- packaging: 1 pc, box



P4535 1/-/8/16
14 40 004 901 E719AU

- source of light: COB LED + LED
- maximal light output: 400 lm
- maximal beam distance: 40 m
- number of lighting modes: 3
- runtime: 3–8.5 hrs
- impact resistance
- waterproof: yes (IP43)
- rechargeable
- battery: Li-Ion accumulator

- battery type: 2 000 mAh/3.7 V
- batteries included
- recharge time: 3 hrs
- power connector type: micro USB B
- features: swivel handle, clip, 1× hook, 1× magnet
- dimensions: 52 × 32 × 165 mm
- weight: 196 g
- packaging: 1 pc, box



P4531 1/-/8/32
14 50 000 280 E-17191

- source of light: SMD LED + LED
- maximal light output: 700 lm
- maximal beam distance: 45 m
- number of lighting modes: 3
- runtime: 3–6 hrs
- impact resistance: no
- waterproof: no
- rechargeable
- battery: Li-Ion

- battery type: 1 200 mAh/3.7 V
- batteries included
- recharge time: 2 hrs
- power connector type: USB C
- features: 2× magnet
- dimensions: 37 × 14 × 240 mm
- weight: 100 g
- packaging: 1 pc, box



P4538 1/-/6/24
14 50 000 360 P4538

- source of light: COB LED + SMD LED
- maximal light output: 330 lm
- maximal beam distance: 45 m
- number of lighting modes: 3
- runtime: 3–7 hrs
- impact resistance
- waterproof: yes (IP43)
- rechargeable
- battery: Li-Ion

- battery type: 1 200 mAh/3.7 V
- batteries included
- recharge time: 2–4 hrs
- power connector type: micro USB B
- features: swivel handle, 1× clip, 1× magnet, 1× hook
- dimensions: 41 × 29 × 154 mm
- weight: 110 g
- packaging: 1 pc, box



P4537 1/-/12/24
14 50 000 350 P4537

LED Work Lights

- fitted with quality COB LED chips – lights a large workspace
- small and light – just right for the hand
- powered by AA or AAA batteries
- adjustable body and numerous magnets and hooks for easy work
- reinforced ABS plastic – withstands most impacts and falls
- long run time

- source of light: COB LED
- maximal light output: 700 lm
- maximal beam distance: 35 m
- number of lighting modes: 3
- runtime: 8–14 hrs
- impact resistance
- waterproof: yes (IP43)
- rechargeable: no
- battery: 4× AA
- battery type: LR6 (1,5 V)
- batteries included: no
- features: swivel handle
- dimensions: 145 × 105 × 35 mm
- weight: 165 g
- packaging: 1 pc, small paper box



P4113 1/-/-/14
14 40 814 200 P4113

- source of light: 2× COB LED + LED
- maximal light output: 350 lm
- maximal beam distance: 110 m
- number of lighting modes: 2
- runtime: 10–20 hrs
- waterproof: no
- rechargeable: no
- battery: 3× AA
- battery type: LR6 (1,5 V)
- batteries included: no
- features: swivel handle
- dimensions: 135 × 100 × 40 mm
- weight: 140 g
- packaging: 1 pc, small paper box



P4112 1/-/-/14
14 40 833 200 P4112

- source of light: LED + COB LED
- maximal light output: 360 lm
- maximal beam distance: 25 m
- number of lighting modes: 3
- runtime: 8 hrs
- impact resistance
- waterproof: no
- rechargeable: no
- battery: 4× AA
- battery type: LR6 (1,5 V)
- batteries included: no
- features: break-over handle, 1× hook, 1× magnet
- dimensions: 56 × 31 × 153 mm
- weight: 110 g
- packaging: 1 pc, blister



P4110 1/-/6/30
14 40 214 200 E4191

- source of light: COB LED
- maximal light output: 180 lm
- maximal beam distance: 45 m
- number of lighting modes: 2
- runtime: 16–24 hrs
- impact resistance
- waterproof: no
- rechargeable: no
- battery: 3× AAA
- battery type: LR03 (1,5 V)
- batteries included: no
- features: break-over handle, 1× hook, 2× magnet
- dimensions: 59 × 30 × 133 mm
- weight: 110 g
- packaging: 1 pc, blister



P3888 1/-/12/24
14 40 813 100 E-6166

LED Work Lights – 230 V

- powered from standard socket (230 V)
- long lead-in cable – 5 m
- fitted with hooks for hanging

- power source: 230 V~/50 Hz
- source of light: 20× LED 0,2 W (300 lm)
- type of cable: H05RN-F 2× 1.0 mm² rubber
- cable length: 5 m
- IP rating: IP20
- dimensions: 35 × 470 mm
- packaging: 1 pc, hanging



8 592920 032671

P4205

14 49 000 050

1/-/-/30

E-A-5LP

- power source: 230 V~/50 Hz
- source of light: bulb 60 W max. (not included)
- type of cable: H05RN-F 2× 1.0 mm² rubber
- cable length: 5 m
- IP rating: IP20
- dimensions: 110 × 390 mm
- packaging: 1 pc, hanging



8 595025 385963

P4203

14 49 000 030

1/-/-/24

DY-YJD-A-8

EMOS Flashlights

LED Rechargeable flashlights EXPERT

- torches with high luminous efficiency and long range
- most models fitted with top quality OSRAM or CREE LED chips
- last more than 70 hours on one charging, various light modes
- pack contains classic power adapter and car adapter
- made of reinforced ABS plastic resistant to falls

- source of light: LED + COB LED
- maximal light output: 240 lm
- maximal beam distance: 300 m
- number of lighting modes: 2
- runtime: 20–72 hrs
- impact resistance
- waterproof: yes (IP43)
- rechargeable
- battery: lead accumulator



- battery type: SLA 4 000 mAh/6 V
- batteries included
- recharge time: 16 hrs
- power connector type: 5.45 × 2,5/9.6 mm
- dimensions: 225 × 116 × 130 mm
- weight: 1 044 g
- packaging: 1 pc, box

**P2308**

1/-/-/4

14 33 010 070

P2308

- source of light: LED
- maximal light output: 330 lm
- maximal beam distance: 350 m
- number of lighting modes: 1
- runtime: 72 hrs
- impact resistance: no
- waterproof: yes (IP43)
- rechargeable
- battery: lead accumulator



- battery type: SLA 4 000 mAh/4 V
- batteries included
- recharge time: 10 hrs
- power connector type: 5.45 × 2,5/9.6 mm
- dimensions: 230 × 116 × 135 mm
- weight: 1 048 g
- packaging: 1 pc, box

**P2307**

1/-/-/4

14 33 010 060

3810-10W

- source of light: OSRAM LED
- maximal light output: 300 lm
- maximal beam distance: 370 m
- number of lighting modes: 2
- runtime: 24–30 hrs
- impact resistance: no
- waterproof: no
- rechargeable
- battery: Li-Ion accumulator



- battery type: 2 400 mAh/3.7 V
- batteries included
- recharge time: 4.5 hrs
- dimensions: 162 × 100 × 140 mm
- weight: 275 g
- packaging: 1 pc, box

**P2311**

1/-/-/10

14 50 000 370

P2311

- source of light: OSRAM LED
- maximal light output: 750 lm
- maximal beam distance: 470 m
- number of lighting modes: 3
- runtime: 15–30 hrs
- impact resistance: no
- waterproof: no
- rechargeable
- battery: Li-Ion accumulator



- battery type: 4 000 mAh/3.7 V
- batteries included
- recharge time: 6.5 h
- power connector type: micro USB B
- dimensions: 212 × 150 × 155 mm
- weight: 527 g
- packaging: 1 pc, box



P2312
14 50 000 380

1/-/-/4
P2312

- source of light: SMD LED + LED
- maximal light output: 350 lm
- maximal beam distance: 260 m
- number of lighting modes: 7
- runtime: 5–23 hrs
- impact resistance
- waterproof
- rechargeable
- battery: Li-Ion accumulator



- battery type: 2× 2 000 mAh/3,7 V
- batteries included
- recharge time: 7 hrs
- power connector type: USB C
- features: swivel handle, 1× hook, 3× magnet
- dimensions: 175 × 91 mm
- weight: 406 g
- packaging: 1 pc, box



P2313
14 50 000 400

1/-/-/12
P2313

LED Bike Lights

- front (white) and rear (red) bike lights with efficient LEDs
- consume little energy despite high luminous efficiency
- water-resistant and impact-resistant from 1 m
- bike mount included

- source of light: LED/SMD LED
- maximal light output: 90 lm
- maximal beam distance: 35 m
- number of lighting modes: 3/4
- runtime: 2–5 hrs
- impact resistance: no
- waterproof: no
- rechargeable
- battery: Li-pol



- battery type: 500 mAh/3.7 V
- batteries included
- recharge time: 1 h
- power connector type: micro USB B
- dimensions: 27 × 27 × 65 mm/71 × 21 × 18 mm
- weight: 34/25 g
- packaging: 1 pc, blister



P3923
14 46 002 300

1/-/5/20
P3923

- source of light: LED (front), 3× LED (back)
- maximal light output: 150 lm
- maximal beam distance: 110 m
- number of lighting modes: 10
- runtime: 96–172 hrs
- waterproof: yes (IP43)
- rechargeable: no
- battery: front: 3× AAA, back: 2× AAA
- battery type: LR03 (1.5 V)



- batteries included: no
- dimensions: 28 × 103 mm, 30 × 65 × 40 mm
- packaging: 1 pc, blister



P3920
14 46 002 000

1/-/5/20
E-3219

- source of light: COB LED white, COB LED red
- maximal light output: 22 lm
- maximal beam distance: 7 m
- number of lighting modes: 2
- runtime: 80 hrs
- impact resistance
- waterproof: yes (IP43)
- rechargeable: no
- battery: 2 × 2 CR2032
- battery type: CR2032 (3 V)
- batteries included
- dimensions: 61 × 17 × 32 mm
- packaging: 1 pc, blister



P3922
14 46 002 200

1/-/6/12
E-8068

- source of light: 2 × LED white, 2 × LED red
- maximal light output: 10 lm
- maximal beam distance: 13 m
- number of lighting modes: 3
- runtime: 140 hrs
- impact resistance
- waterproof: yes (IP43)
- rechargeable: no
- battery: 2 × 2 CR2032
- battery type: CR2032 (3 V)
- batteries included
- dimensions: 90 × 29 × 25 mm
- packaging: 1 pc, blister



P3921
14 46 002 100

1/-/6/36
E-8075 (P3921)

EMOS Flashlights

LED Night Lights

LED Battery Night Lights

- better orientation in the dark for both children and adults
- powered by AA or AAA batteries
- smart solution for places without power (attic or cabinet)
- with switch, photosensor (day/night) or PIR sensor
- very low power consumption; run time: 41–100 hours

- source of light: 8 × LED 5 mm in diameter
- light color: cool white
- power source: 3 × 1.5 V AA
- switch
- automatic on/off
- photosensor
- motion sensor
- time delay: 25 seconds +/- 5 seconds
- dimensions: 90 × 37 mm
- packaging: 1 pc, blister



P3310K
14 40 883 200

1/-/4/16
E-84001

- source of light: COB LED
- light color: cool white
- power source: 3× 1.5 V AA
- switch
- automatic on/off
- photosensor
- motion sensor
- time delay: 25 seconds +/- 5 seconds
- rotation: 360°

- dimensions: 85 × 96 × 119 mm
- packaging: 1 pc, box

**P3311**

1/-/-/16

14 40 004 902

E-XGCL-08MC

- source of light: 3× LED 5 mm in diameter
- light color: cool white
- power source: 3× 1.5 V AAA (included)
- switch
- motion sensor: no
- dimensions: 65 × 23 × 65 mm
- packaging: 3 pcs, blister

**P3819**

3/-/12/36

14 40 033 100

P3819

- source of light: SMD LED
- maximal light output: 35 lm
- maximal beam distance: 22 m
- number of lighting modes: 1
- runtime: 90 hrs
- impact resistance
- waterproof: no
- rechargeable: no
- battery: 3× AAA

- battery type: LR03 (1.5 V)
- batteries included: no
- dimensions: 108 × 148 mm
- weight: 195 g
- packaging: 1 pc, box

**P3380**

1/-/4/8

14 40 013 124

P3380

LED 230 V Night Lights

- better orientation in the dark for both children and adults
- very low power consumption
- socket-powered – comfortable and eco-friendly (no batteries)
- selected models with passthrough socket
- with switch, photosensor (day/night) or PIR sensor

- source of light: LED
- light color: cool white
- power source: 230 V~/50 Hz, max. 0.63 W, SCHUKO
- automatic on/off
- photosensor
- motion sensor: no
- dimensions: 83 × 70 × 83 mm
- packaging: 1 pc, blister

**P3308**

1/-/3/60

14 56 000 080

E-34102

- source of light: LED
- light color: cool white
- power source: 230 V~/50 Hz, max. 0.5 W
- automatic on/off
- photosensor
- motion sensor: no
- dimensions: 46 × 67 × 46 mm
- packaging: 1 pc, blister

**P3306**

1/4-/36

14 56 000 060

EMN100

- source of light: 1× LED 5 mm in diameter
- light color: cool white
- power source: 230 V~/50 Hz, max. 0,3 W
- switch
- automatic on/off
- photosensor
- motion sensor: no
- dimensions: 60 × 60 × 73 mm
- packaging: 1 pc, blister

**P3313**

1-/4/16

14 56 000 100

P3313

- source of light: LED
- light color: warm white
- power source: 230 V~/50 Hz
- automatic on/off
- photosensor
- motion sensor: no
- dimensions: 51 × 56 × 51 mm
- packaging: 1 pc, blister

**P3314**

1/-/-/20

14 56 000 110

P3314

- source of light: LED
- light color: warm white
- power source: 230 V~/50 Hz
- automatic on/off
- photosensor
- motion sensor: no
- dimensions: 63 × 57 × 63 mm
- packaging: 1 pc, blister

**P3315**

1/-/-/20

14 56 000 120

P3315

- source of light: LED
- light color: warm white
- power source: 230 V~/50 Hz
- switch
- automatic on/off
- photosensor
- motion sensor: no
- dimensions: 76 × 54 × 76 mm
- packaging: 1 pc, blister

**P3316**

1/-/-/15

14 56 000 130

P3316

- source of light: LED
- light color: warm white
- power source: 230 V~/50 Hz
- switch
- automatic on/off
- photosensor
- motion sensor: no
- dimensions: 87 × 63 × 87 mm
- packaging: 1 pc, blister

**P3317**

1/-/-/10

14 56 000 140

P3317

- source of light: LED
- light color: warm white
- power source: 230 V
- automatic on/off
- photosensor
- motion sensor
- time delay: 90 seconds +/- 3 seconds
- dimensions: 55 × 80 × 102 mm
- packaging: 1 pc, paper blister

**P3318**

1/-/-/12

14 56 000 150

P3318

- source of light: SMD LED
- light color: warm white
- power source: 230 V
- switch
- automatic on/off
- photosensor
- motion sensor
- time delay: 30/60/120 seconds
- dimensions: 74 × 54 × 80 mm

▪ packaging: 1 pc, paper blister

**P3319**

1/-/-/15

14 56 000 160

P3319

- source of light: LED
- light color: warm white
- power source: 230 V~/50 Hz
- automatic on/off
- photosensor
- motion sensor: no
- dimensions: 79 × 66 × 79 mm
- packaging: 1 pc, blister

**P3321**

1/-/3/18

14 56 000 180

P3321

EMOS Flashlights

LED Flashlights display box

- made of aluminium or reinforced ABS plastic
- always at hand: in the pocket, tool case or the car
- batteries included
- flashlights with maximum beam distance to 150 m
- run time up to 128 hours

- source of light: COB LED
- maximal light output: 110 lm
- maximal beam distance: 15 m
- number of lighting modes: 3
- runtime: 20–40 hrs
- focus: no
- reflective head strap: no
- impact resistance
- waterproof: no

- charging: no
- power supply: 3× AAA
- battery type: LR03 (1.5 V)
- batteries included
- dimensions: 60 × 18 × 40 mm
- weight: 21 g/56 g
- packaging: 12 pcs, display box

**P3538**

12/-/12/60

14 41 283 110

E-HL120

- source of light: COB LED + 3× LED
- maximal light output: 200 lm
- maximal beam distance: 17 m
- number of lighting modes: 2
- runtime: 25–128 hrs
- impact resistance
- waterproof: no
- rechargeable: no
- battery: 3× AAA

- battery type: LR03 (1.5 V)
- batteries included
- features: 1× hook, 1× magnet
- dimensions: 94 × 34 × 64 mm
- weight: 105 g
- packaging: 12 pcs, display box

**P3889**

12/-/12/60

14 40 833 100

E-6113

- source of light: COB LED + LED
- maximal light output: 230 lm
- maximal beam distance: 80 m
- number of lighting modes: 2
- runtime: 47–72 hrs
- impact resistance
- waterproof: no
- rechargeable: no
- battery: 3× AAA

- battery type: LR03 (1.5 V)
- batteries included
- features: clip
- dimensions: 168 × 29 × 26 mm
- weight: 64 g
- packaging: 16 pcs, display box

**P3897**

16/-/16/64

14 40 813 130

P3897

- source of light: LED
- maximal light output: 75 lm
- maximal beam distance: 125 m
- number of lighting modes: 1
- runtime: 15 hrs
- focus
- impact resistance
- waterproof: yes (IP43)
- rechargeable: no

- battery: 3× AAA
- battery type: LR03 (1.5 V)
- batteries included
- features: hand strap
- dimensions: 120 × 35 × 35 mm
- weight: 83 g
- packaging: 12 pcs, display box



P4703
14 40 013 115

12/-/12/96
E-1512

- source of light: COB LED
- maximal light output: 100 lm
- maximal beam distance: 20 m
- number of lighting modes: 1
- runtime: 28 hrs
- impact resistance
- waterproof: yes (IP43)
- rechargeable: no
- battery: 3× AAA

- battery type: LR03 (1.5 V)
- batteries included
- features: hand strap
- dimensions: 102 × 28 × 28 mm
- packaging: 12 pcs, display box



P4705
14 40 813 160

12/-/12/96
E-2217

- source of light: 9× LED
- maximal light output: 50 lm
- maximal beam distance: 22 m
- number of lighting modes: 1
- runtime: 30 hrs
- impact resistance
- rechargeable: no
- battery: 3× AAA
- battery type: LR03 (1.5 V)

- batteries included
- dimensions: 88 × 26 × 26 mm
- weight: 71 g
- packaging: 24 pcs, display box



P3848A
14 40 093 109

24/-/24/96
LFL215-9T

- source of light: COB LED
- maximal light output: 100 lm
- maximal beam distance: 12 m
- number of lighting modes: 1
- runtime: 25 hrs
- impact resistance
- waterproof: no
- rechargeable: no
- battery: 3× AAA

- battery type: LR03 (1.5 V)
- batteries included
- features: hand strap
- dimensions: 100 × 29 × 29 mm
- weight: 34 g
- packaging: 12 pcs, display box



P4706
14 40 013 116

12/-/12/96
E2910-C

- source of light: COB LED
- maximal light output: 30 lm
- maximal beam distance: 8 m
- number of lighting modes: 4
- runtime: 3.5–60 hrs
- rechargeable: no
- battery: 2× AAA
- battery type: LR03 (1.5 V)
- batteries included

- dimensions: 63 × 25 × 35 mm
- weight: 38 g
- packaging: 12 pcs, display box



P3887
14 40 812 900

12/-/12/72
E-3205

- source of light: LED
- maximal light output: 10 lm
- number of lighting modes: 2
- runtime: 160 hrs
- impact resistance
- waterproof: yes (IP43)
- rechargeable: no
- battery: 2× CR2032
- battery type: CR2032 (3 V)
- batteries included
- features: arm band
- dimensions: 190 × 35 × 17 mm
- weight: 44 g
- packaging: 16 pcs, display box

**P4713**

16/-/16/32

14 40 812 903

P4713

LED Keychains display box

- cute LED keychains for children
- different designs and motives
- some also make a sound when lit up
- powered by 3 button batteries (included)

- source of light: LED
- maximal light output: 5 lm
- number of lighting modes: 1
- rechargeable: no
- battery: 3× 1.5 V LR54
- battery type: LR54 (1.5 V)
- batteries included
- packaging: 24 pcs, display box

**P4712**

24/-/24/96

14 39 013 901

E-1321; E-1322;
E-1323; E-1324

- source of light: LED
- maximal light output: 5 lm
- number of lighting modes: 1
- rechargeable: no
- battery: 3× 1.5 V LR54
- battery type: LR54 (1.5 V)
- batteries included
- packaging: 24 pcs, display box

**P4711**

24/-/24/96

14 39 013 900

E-1325; E-1326;
E-1327; E-1328

- source of light: 1× LED
- maximal light output: 5 lm
- number of lighting modes: 1
- impact resistance: no
- waterproof: no
- rechargeable: no
- battery: 3× LR54
- battery type: LR54 (1.5 V)
- batteries included
- packaging: 24 pcs, display box

**P4710**

24/-/24/96

14 39 011 900

E-1317; E-1318;
E-1319; E-1320

Insect killer

- electric trap for reliable protection from pesky insects
- 1 m lead-in cable

- source of light: UV-A fluorescent lamp
- number of lighting modes: 1
- battery: 220–240 V~/50 Hz
- features: hand strap
- dimensions: 125 × 245 mm
- packaging: 1 pc, box



8 595025 376459

P4103

1/-/-/12

14 48 000 030

IK105-4W

Spare parts

- primarily as accessory to rechargeable LED torches
- socket adapters
- maintenance-free lead-acid accumulators
- switches

V94420

1/-/-/90

16 06 022 000

LG060030EP
(LGPSA060030E)

8 595025 394460



input voltage: 230 V~, 50/60 Hz = designed for: 3810. 3 W (P2306) lamp = output voltage: 6 V= = output current: 300 mA = size of the connector: 5.5 × 2.5/9.5 mm = power supply type: cable with DC connector = dimensions: 71 × 42 × 55 mm = packaging: 1 pc, box

P2398

1/-/-/500

14 33 010 008

3810LED



8 595025 366382



packaging: 1 pc

P2399

1/-/-/500

14 33 010 009

3810



8 595025 361141



packaging: 1 pc

Z4103

1/-/40/400

15 05 008 000

F4W



8 595025 383105



type: UV-A fluorescent tube for insect killer type JS30-4 W, IK105-4 W (P4102, P4103) = power: 4 W = socket (bulb holder): G5 (T5) = packaging: 1 pc, box = dimensions: 136 × 15 mm = energy efficiency class (until 31.8.2021): B

B9664

1/-/-/20

12 01 001 800

DHB440



8 595025 394477

for lanterns: 3810 - 3 W (P2306), 3810-10 W (P2307) = chemical constitution: Pb =
voltage: 4 V = capacity: 4 Ah = dimensions: 70 × 47 × 101 mm = packaging: 1 pc

Lighting

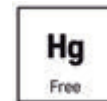
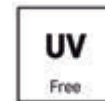


Light sources

LED bulbs

Filament

- maximum lighting efficiency with minimum energy consumption
- acts as a perfect replacement for tungsten filament bulbs
- instantly illuminates 100% at the flick of a switch
- high luminous efficacy up to 212 lm/W
- use: modern interiors, reception areas



- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 2 700 K
- power: 3.8 W
- luminous efficacy: 212 lm/W
- energy efficiency class: A
- beam angle: 300°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 60 × 60 × 105 mm
- packaging: 1 pc, small box



ZF5147

1/-/10/40

15 25 283 273

EMOS

- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 2 700 K
- power: 3.8 W
- luminous efficacy: 212 lm/W
- energy efficiency class: A
- beam angle: 300°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 60 × 60 × 105 mm
- packaging: 6 pcs, small box



ZF5147.3

3/-/12/48

15 25 283 274

EMOS

- replacement of incandescent bulb: 75 W
- shape: A60
- luminous flux: 1 060 lm
- color temperature: 2 700 K
- power: 5 W
- luminous efficacy: 212 lm/W
- energy efficiency class: A
- beam angle: 300°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 60 × 60 × 105 mm
- packaging: 1 pc, small box



ZF5157 1/-/10/40
15 25 283 275 EMOS

- replacement of incandescent bulb: 75 W
- shape: A60
- luminous flux: 1 060 lm
- color temperature: 2 700 K
- power: 5 W
- luminous efficacy: 212 lm/W
- energy efficiency class: A
- beam angle: 300°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 60 × 60 × 105 mm
- packaging: 6 pcs, small box



ZF5157.3 3/-/12/48
15 25 283 276 EMOS

- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 4 000 K
- power: 3.8 W
- luminous efficacy: 212 lm/W
- energy efficiency class: A
- beam angle: 300°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 60 × 60 × 105 mm
- packaging: 1 pc, small box



ZF5148 1/-/10/40
15 25 283 410 EMOS

- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 4 000 K
- power: 3.8 W
- luminous efficacy: 212 lm/W
- energy efficiency class: A
- beam angle: 300°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 60 × 60 × 105 mm
- packaging: 6 pcs, small box



ZF5148.3 3/-/12/48
15 25 283 411 EMOS

- replacement of incandescent bulb: 75 W
- shape: A60
- luminous flux: 1 060 lm
- color temperature: 4 000 K
- power: 5 W
- luminous efficacy: 212 lm/W
- energy efficiency class: A
- beam angle: 300°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 60 × 60 × 105 mm
- packaging: 1 pc, small box



ZF5158 1/-/10/40
15 25 283 412 EMOS

- replacement of incandescent bulb: 75 W
- shape: A60
- luminous flux: 1 060 lm
- color temperature: 4 000 K
- power: 5 W
- luminous efficacy: 212 lm/W
- energy efficiency class: A
- beam angle: 300°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 60 × 60 × 105 mm
- packaging: 6 pcs, small box



ZF5158.3 3/-/12/48
15 25 283 413 EMOS

- replacement of incandescent bulb: 35 W
- shape: A60
- luminous flux: 400 lm
- color temperature: 2 200 K
- power: 4,3 W
- luminous efficacy: 93 lm/W
- energy efficiency class: F
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 105 × 60 × 60 mm
- packaging: 1 pc, small box



Z74301 1/-/10/40
15 25 713 200 Z74301

- replacement of incandescent bulb: 40 W
- shape: ST64
- luminous flux: 470 lm
- color temperature: 2 200 K
- power: 4 W
- luminous efficacy: 118 lm/W
- energy efficiency class: E
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 140 × 64 × 64 mm
- packaging: 1 pc, small box



Z74302 1/-/10/40
15 25 713 210 Z74302

- replacement of incandescent bulb: 20 W
- shape: Candle
- luminous flux: 190 lm
- color temperature: 2 200 K
- power: 2.1 W
- luminous efficacy: 90 lm/W
- energy efficiency class: F
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 100 × 38 × 38 mm
- packaging: 1 pc, small box



Z74300 1/-/10/40
15 25 711 200 Z74300

- replacement of incandescent bulb: 40 W
- shape: G125
- luminous flux: 470 lm
- color temperature: 2 200 K
- power: 4 W
- luminous efficacy: 118 lm/W
- energy efficiency class: E
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 180 × 125 × 125 mm
- packaging: 1 pc, small box



Z74303 1/-/-/8
15 25 713 230 Z74303

- replacement of incandescent bulb: 40 W
- shape: G95
- luminous flux: 470 lm
- color temperature: 2 200 K
- power: 4 W
- luminous efficacy: 118 lm/W
- energy efficiency class: E
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 130 × 95 × 95 mm
- packaging: 1 pc, small box



ZF4304 1/-/-/8
15 25 713 240 Z74304

- replacement of incandescent bulb: 40 W
- shape: A60
- luminous flux: 470 lm
- color temperature: 2 700 K
- power: 3.4 W
- luminous efficacy: 138 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 105 × 60 × 60 mm
- packaging: 1 pc, small box



ZF5120 1/-/10/20
15 25 283 265 Z74223

- replacement of incandescent bulb: 40 W
- shape: A60
- luminous flux: 470 lm
- color temperature: 4 000 K
- power: 3.4 W
- luminous efficacy: 138 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 105 × 60 × 60 mm
- packaging: 1 pc, small box



ZF5121 1/-/10/20
15 25 283 405 Z74224

- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 2 700 K
- power: 5.9 W
- luminous efficacy: 137 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 105 × 60 × 60 mm
- packaging: 1 pc, small box



ZF5140 1/-/10/20
15 25 283 266 Z74263

- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 2 700 K
- power: 5.9 W
- luminous efficacy: 137 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 105 × 60 × 60 mm
- packaging: 2 pcs, small box



ZF5140.2 2/-/6/24
15 25 283 267 Z74263.2

- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 2 700 K
- power: 5.9 W
- luminous efficacy: 137 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 105 × 60 × 60 mm
- packaging: 1 pc, small box



ZF6140 1/-/10/20
15 25 283 268 Z74267

- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 4 000 K
- power: 5.9 W
- luminous efficacy: 137 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 105 × 60 × 60 mm
- packaging: 1 pc, small box



ZF5141 1/-/10/20
15 25 283 406 Z74264

- replacement of incandescent bulb: 75 W
- shape: A60
- luminous flux: 1 060 lm
- color temperature: 2 700 K
- power: 7 W
- luminous efficacy: 151 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 105 × 60 × 60 mm
- packaging: 1 pc, small box



Z74270 1/-/10/40
15 25 283 240 LED-A60-PFA-8W-WW

- replacement of incandescent bulb: 75 W
- shape: A60
- luminous flux: 1 060 lm
- color temperature: 4 000 K
- power: 7 W
- luminous efficacy: 151 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 105 × 60 × 60 mm
- packaging: 1 pc, small box



Z74271 1/-/10/40
15 25 283 241 Z74271

- replacement of incandescent bulb: 75 W
- shape: A60
- luminous flux: 1 060 lm
- color temperature: 2 700 K
- power: 7.6 W
- luminous efficacy: 139 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 105 × 60 × 60 mm
- packaging: 1 pc, small box



Z74276 1/-/10/40
15 25 283 260 Z74276

- replacement of incandescent bulb: 75 W
- dimmable
- shape: A60
- luminous flux: 1 055 lm
- color temperature: 2 700 K
- power: 8.5 W
- luminous efficacy: 124 lm/W
- energy efficiency class: E
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 105 × 60 × 60 mm
- packaging: 1 pc, small box



Z74270D 1/-/10/40
15 25 732 001 Z74270D

- replacement of incandescent bulb: 100 W
- shape: A67
- luminous flux: 1 521 lm
- color temperature: 2 700 K
- power: 11 W
- luminous efficacy: 138 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 123 × 67 × 67 mm
- packaging: 1 pc, small box



Z74284 1/-/10/30
15 25 283 262 Z74284

- replacement of incandescent bulb: 100 W
- shape: A67
- luminous flux: 1 521 lm
- color temperature: 4 000 K
- power: 11 W
- luminous efficacy: 138 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 123 × 67 × 67 mm
- packaging: 1 pc, small box



Z74285 1/-/10/30
15 25 283 404 Z74285

- replacement of incandescent bulb: 150 W
- shape: A67
- luminous flux: 2 452 lm
- color temperature: 2 700 K
- power: 17 W
- luminous efficacy: 144 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 123 × 67 × 67 mm
- packaging: 1 pc, small box



Z74290 1/-/10/30
15 25 283 257 Z74290

- replacement of incandescent bulb: 150 W
- shape: A67
- luminous flux: 2 452 lm
- color temperature: 4 000 K
- power: 17 W
- luminous efficacy: 144 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 123 × 67 × 67 mm
- packaging: 1 pc, small box



Z74291 1/-/10/30
15 25 283 402 Z74291

- replacement of incandescent bulb: 25 W
- shape: Candle
- luminous flux: 250 lm
- color temperature: 2 700 K
- power: 1.8 W
- luminous efficacy: 139 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 97 × 35 × 35 mm
- packaging: 1 pc, small box



ZF3200 1/-/10/60
15 25 281 222 Z74202

- replacement of incandescent bulb: 25 W
- shape: Candle
- luminous flux: 250 lm
- color temperature: 4 000 K
- power: 1.8 W
- luminous efficacy: 139 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 97 × 35 × 35 mm
- packaging: 1 pc, small box



ZF3201 1/-/10/60
15 25 281 406 Z74203

- replacement of incandescent bulb: 40 W
- shape: Candle
- luminous flux: 470 lm
- color temperature: 2 700 K
- power: 3.4 W
- luminous efficacy: 138 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 97 × 35 × 35 mm
- packaging: 1 pc, small box



ZF3220 1/-/10/60
15 25 281 223 Z74211

- replacement of incandescent bulb: 40 W
- shape: Candle
- luminous flux: 470 lm
- color temperature: 2 700 K
- power: 3.4 W
- luminous efficacy: 138 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 97 × 35 × 35 mm
- packaging: 1 pc, small box



ZF4220 1/-/10/60
15 25 281 224 Z74217

- replacement of incandescent bulb: 40 W
- shape: Candle
- luminous flux: 470 lm
- color temperature: 4 000 K
- power: 3.4 W
- luminous efficacy: 138 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 97 × 35 × 35 mm
- packaging: 1 pc, small box



ZF3221 1/-/10/60
15 25 281 407 Z74211

- replacement of incandescent bulb: 60 W
- shape: Candle
- luminous flux: 810 lm
- color temperature: 2 700 K
- power: 6 W
- luminous efficacy: 135 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 98 × 35 × 35 mm
- packaging: 1 pc, small box



ZF3240 1/-/10/60
15 25 281 228 ZF3240

- replacement of incandescent bulb: 60 W
- shape: Candle
- luminous flux: 810 lm
- color temperature: 4 000 K
- power: 6 W
- luminous efficacy: 135 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 98 × 35 × 35 mm
- packaging: 1 pc, small box



ZF3241 1/-/10/60
15 25 281 410 ZF3241

- replacement of incandescent bulb: 25 W
- shape: Mini Globe
- luminous flux: 250 lm
- color temperature: 2 700 K
- power: 1.8 W
- luminous efficacy: 139 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 80 × 45 × 45 mm
- packaging: 1 pc, small box



ZF1200 1/-/10/60
15 25 281 225 Z7423A

- replacement of incandescent bulb: 25 W
- shape: Mini Globe
- luminous flux: 250 lm
- color temperature: 4 000 K
- power: 1.8 W
- luminous efficacy: 139 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 80 × 45 × 45 mm
- packaging: 1 pc, small box



ZF1201 1/-/10/60
15 25 281 408 Z7423B

- replacement of incandescent bulb: 25 W
- shape: Mini Globe
- luminous flux: 250 lm
- color temperature: 2 700 K
- power: 1.8 W
- luminous efficacy: 139 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 80 × 45 × 45 mm
- packaging: 1 pc, small box



ZF1100 1/-/10/60
15 25 283 269 ZF1100

- replacement of incandescent bulb: 25 W
- shape: Mini Globe
- luminous flux: 250 lm
- color temperature: 4 000 K
- power: 1.8 W
- luminous efficacy: 139 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 80 × 45 × 45 mm
- packaging: 1 pc, small box



ZF1101 1/-/10/60
15 25 283 407 Z7424B

- replacement of incandescent bulb: 40 W
- shape: Mini Globe
- luminous flux: 470 lm
- color temperature: 2 700 K
- power: 3.4 W
- luminous efficacy: 138 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 80 × 45 × 45 mm
- packaging: 1 pc, small box



ZF1220 1/-/10/60
15 25 281 226 Z7423C

- replacement of incandescent bulb: 40 W
- shape: Mini Globe
- luminous flux: 470 lm
- color temperature: 2 700 K
- power: 3.4 W
- luminous efficacy: 138 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 80 × 45 × 45 mm
- packaging: 1 pc, small box



ZF7220 1/-/10/60
15 25 281 227 Z7423E

- replacement of incandescent bulb: 40 W
- shape: Mini Globe
- luminous flux: 470 lm
- color temperature: 4 000 K
- power: 3.4 W
- luminous efficacy: 138 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 80 × 45 × 45 mm
- packaging: 1 pc, small box



ZF1221 1/-/10/60
15 25 281 409 Z7423D

- replacement of incandescent bulb: 40 W
- shape: Mini Globe
- luminous flux: 470 lm
- color temperature: 2 700 K
- power: 3.4 W
- luminous efficacy: 138 lm/W
- energy efficiency class: D
- beam angle: 300°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 80 × 45 × 45 mm
- packaging: 1 pc, small box



ZF1120 1/-/10/60
15 25 283 270 Z7424C

- replacement of incandescent bulb: 40 W
- shape: Mini Globe
- luminous flux: 470 lm
- color temperature: 2 700 K
- power: 3.4 W
- luminous efficacy: 138 lm/W
- energy efficiency class: D
- beam angle: 300°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 80 × 45 × 45 mm
- packaging: 1 pc, small box



ZF7120 1/-/10/60
15 25 283 271 ZF7120

- replacement of incandescent bulb: 40 W
- shape: Mini Globe
- luminous flux: 470 lm
- color temperature: 4 000 K
- power: 3.4 W
- luminous efficacy: 138 lm/W
- energy efficiency class: D
- beam angle: 300°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 80 × 45 × 45 mm
- packaging: 1 pc, small box



ZF1121 1/-/10/60
15 25 283 408 Z7424D

- replacement of incandescent bulb: 60 W
- shape: Mini Globe
- luminous flux: 810 lm
- color temperature: 2 700 K
- power: 6 W
- luminous efficacy: 135 lm/W
- energy efficiency class: D
- beam angle: 300°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 78 × 45 × 45 mm
- packaging: 1 pc, small box



ZF1240 1/-/10/100
15 25 281 229 ZF1240

- replacement of incandescent bulb: 60 W
- shape: Mini Globe
- luminous flux: 810 lm
- color temperature: 4 000 K
- power: 6 W
- luminous efficacy: 135 lm/W
- energy efficiency class: D
- beam angle: 300°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 78 × 45 × 45 mm
- packaging: 1 pc, small box



ZF1241 1/-/10/100
15 25 281 411 ZF1241

- replacement of incandescent bulb: 60 W
- shape: Mini Globe
- luminous flux: 810 lm
- color temperature: 2 700 K
- power: 6 W
- luminous efficacy: 135 lm/W
- energy efficiency class: D
- beam angle: 300°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 76 × 45 × 45 mm
- packaging: 1 pc, small box



ZF1140 1/-/10/100
15 25 283 272 ZF1140

- replacement of incandescent bulb: 60 W
- shape: Mini Globe
- luminous flux: 810 lm
- color temperature: 4 000 K
- power: 6 W
- luminous efficacy: 135 lm/W
- energy efficiency class: D
- beam angle: 300°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 76 × 45 × 45 mm
- packaging: 1 pc, small box



ZF1141 1/-/10/100
15 25 283 409 ZF1141

- replacement of incandescent bulb: 75 W
- shape: Globe
- luminous flux: 1 055 lm
- color temperature: 2 700 K
- power: 7,8 W
- luminous efficacy: 135 lm/W
- energy efficiency class: D
- beam angle: 340°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 140 × 95 × 95 mm
- packaging: 1 pc, small box



ZF2150 1/-/4/8
15 25 733 250 ZF2150

- replacement of incandescent bulb: 75 W
- shape: Globe
- luminous flux: 1 055 lm
- color temperature: 4 000 K
- power: 7,8 W
- luminous efficacy: 135 lm/W
- energy efficiency class: D
- beam angle: 340°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 140 × 95 × 95 mm
- packaging: 1 pc, small box



ZF2151 1/-/4/8
15 25 733 251 ZF2151

- replacement of incandescent bulb: 100 W
- shape: Globe
- luminous flux: 1 521 lm
- color temperature: 2 700 K
- power: 11 W
- luminous efficacy: 138 lm/W
- energy efficiency class: D
- beam angle: 340°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 172 × 125 × 125 mm
- packaging: 1 pc, small box



ZF2160 1/-/4/8
15 25 733 252 ZF2160

- replacement of incandescent bulb: 100 W
- shape: Globe
- luminous flux: 1 521 lm
- color temperature: 4 000 K
- power: 11 W
- luminous efficacy: 138 lm/W
- energy efficiency class: D
- beam angle: 340°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 172 × 125 × 125 mm
- packaging: 1 pc, small box



ZF2161 1/-/4/8
15 25 733 441 ZF2161

- replacement of incandescent bulb: 150 W
- shape: Globe
- luminous flux: 2 452 lm
- color temperature: 2 700 K
- power: 18 W
- luminous efficacy: 136 lm/W
- energy efficiency class: D
- beam angle: 340°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 172 × 125 × 125 mm
- packaging: 1 pc, small box



ZF2180 1/-/4/8
15 25 733 253 ZF2180

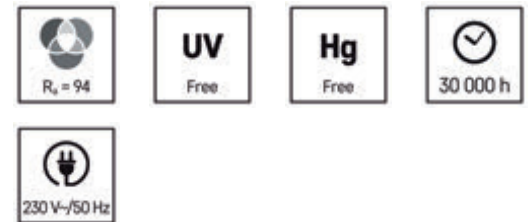
- replacement of incandescent bulb: 150 W
- shape: Globe
- luminous flux: 2 452 lm
- color temperature: 4 000 K
- power: 18 W
- luminous efficacy: 136 lm/W
- energy efficiency class: D
- beam angle: 340°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 172 × 125 × 125 mm
- packaging: 1 pc, small box



ZF2181 1/-/4/8
15 25 733 442 ZF2181

True Light

- unique combination of properties to support a healthy lifestyle
- reduced amount of blue light component
- excellent light quality - CRI>94
- High luminous efficacy > 110 lm/W
- contribute to better concentration and promote healthy sleep
- flicker-free treatment reduces fatigue from artificial sleep
- 3 years warranty
- use: study, children's room, bedroom, living room



- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 2 700 K
- power: 7.2 W
- luminous efficacy: 112 lm/W
- energy efficiency class: E
- beam angle: 180°
- color rendering index (CRI): Ra >94
- voltage: 230 V~/50 Hz
- dimensions: 102 × 60 × 60 mm
- packaging: 1 pc, small box



ZQ5144 1/-/10/80
15 25 733 245 ZQ5144

- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 2 700 K
- power: 7.2 W
- luminous efficacy: 112 lm/W
- energy efficiency class: E
- beam angle: 180°
- color rendering index (CRI): Ra >94
- voltage: 230 V~/50 Hz
- dimensions: 102 × 60 × 60 mm
- packaging: 3 pcs, small box



ZQ5144.3 3/-/12/72
15 25 733 246 ZQ5144.3

- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 4 000 K
- power: 7.2 W
- luminous efficacy: 112 lm/W
- energy efficiency class: E
- beam angle: 180°
- color rendering index (CRI): Ra >94

- voltage: 230 V~/50 Hz
- dimensions: 102 × 60 × 60 mm
- packaging: 1 pc, small box



ZQ5145 1/-/10/80
15 25 733 431 ZQ5144

- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 4 000 K
- power: 7.2 W
- luminous efficacy: 112 lm/W
- energy efficiency class: E
- beam angle: 180°
- color rendering index (CRI): Ra >94

- voltage: 230 V~/50 Hz
- dimensions: 102 × 60 × 60 mm
- packaging: 3 pcs, small box



ZQ5145.3 3/-/12/72
15 25 733 432 ZQ5145.3

- replacement of incandescent bulb: 40 W
- shape: Mini Globe
- luminous flux: 470 lm
- color temperature: 2 700 K
- power: 4.2 W
- luminous efficacy: 112 lm/W
- energy efficiency class: E
- beam angle: 200°
- color rendering index (CRI): Ra >94

- voltage: 230 V~/50 Hz
- dimensions: 78 × 45 × 45 mm
- packaging: 1 pc, small box



ZQ1225 1/-/10/100
15 25 731 221 ZQ1225

- replacement of incandescent bulb: 40 W
- shape: Mini Globe
- luminous flux: 470 lm
- color temperature: 4 000 K
- power: 4.2 W
- luminous efficacy: 112 lm/W
- energy efficiency class: E
- beam angle: 200°
- color rendering index (CRI): Ra >94

- voltage: 230 V~/50 Hz
- dimensions: 78 × 45 × 45 mm
- packaging: 1 pc, small box



ZQ1226 1/-/10/100
15 25 731 418 ZQ1226

- replacement of incandescent bulb: 40 W
- shape: Candle
- luminous flux: 470 lm
- color temperature: 2 700 K
- power: 4.2 W
- luminous efficacy: 112 lm/W
- energy efficiency class: E
- beam angle: 260°
- color rendering index (CRI): Ra >94

- voltage: 230 V~/50 Hz
- dimensions: 102 × 35 × 35 mm
- packaging: 1 pc, small box



ZQ3224 1/-/10/60
15 25 731 220 ZQ3224

- replacement of incandescent bulb: 40 W
- shape: Candle
- luminous flux: 470 lm
- color temperature: 4 000 K
- power: 4.2 W
- luminous efficacy: 112 lm/W
- energy efficiency class: E
- beam angle: 260°
- color rendering index (CRI): Ra >94
- voltage: 230 V~/50 Hz
- dimensions: 102 × 35 × 35 mm
- packaging: 1 pc, small box



ZQ3225 1/-/10/60
15 25 731 417 ZQ3225

- replacement of incandescent bulb: 47 W
- shape: MR16
- luminous flux: 450 lm
- color temperature: 2 700 K
- power: 4.8 W
- luminous efficacy: 110 lm/W
- energy efficiency class: E
- beam angle: 100°
- color rendering index (CRI): Ra >94
- voltage: 230 V~/50 Hz
- dimensions: 54 × 50 × 50 mm
- packaging: 1 pc, small box



ZQ8355 1/-/10/100
15 25 730 217 ZQ8355

- replacement of incandescent bulb: 47 W
- shape: MR16
- luminous flux: 450 lm
- color temperature: 4 000 K
- power: 4.8 W
- luminous efficacy: 110 lm/W
- energy efficiency class: E
- beam angle: 100°
- color rendering index (CRI): Ra >94
- voltage: 230 V~/50 Hz
- dimensions: 54 × 50 × 50 mm
- packaging: 1 pc, small box



ZQ8356 1/-/10/100
15 25 730 412 ZQ8356

Classic

- economical light source with an optimal price/quality ratio
- powerful, economical and extremely long lifetime
- 90% energy savings compared to conventional bulbs
- positive effect on human vision and health
- greater concentration of work and lower error rate
- 3 years warranty
- use: modern interiors, commercial and relaxation areas



- replacement of incandescent bulb: 75 W
- dimmable
- shape: A60
- luminous flux: 1 060 lm
- color temperature: 2 700 K
- power: 10.5 W
- luminous efficacy: 101 lm/W
- energy efficiency class: F
- beam angle: 160°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 120 × 60 × 60 mm
- packaging: 1 pc, small box



ZL4206 1/-/10/80
15 25 653 206 ZL4206

- replacement of incandescent bulb: 40 W
- shape: A60
- luminous flux: 470 lm
- color temperature: 2 700 K
- power: 5.2 W
- luminous efficacy: 90 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 102 × 60 × 60 mm
- packaging: 1 pc, small box



ZQ5120 1/-/10/80
15 25 733 235 ZQ5120

- replacement of incandescent bulb: 40 W
- shape: A60
- luminous flux: 470 lm
- color temperature: 4 000 K
- power: 5.2 W
- luminous efficacy: 90 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 102 × 60 × 60 mm
- packaging: 1 pc, small box



ZQ5121 1/-/10/80
15 25 733 425 ZQ5121

- replacement of incandescent bulb: 50 W
- shape: A60
- luminous flux: 645 lm
- color temperature: 2 700 K
- power: 7.3 W
- luminous efficacy: 88 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 110 × 60 × 60 mm
- packaging: 1 pc, small box



ZQ5130 1/-/10/80
15 25 733 200 ZQ5130

- replacement of incandescent bulb: 50 W
- shape: A60
- luminous flux: 645 lm
- color temperature: 4 000 K
- power: 7.3 W
- luminous efficacy: 88 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 110 × 60 × 60 mm
- packaging: 1 pc, small box



ZQ5131 1/-/10/80
15 25 733 400 ZQ5131

- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 2 700 K
- power: 8.5 W
- luminous efficacy: 95 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 102 × 60 × 60 mm
- packaging: 1 pc, small box



ZQ5140 1/-/10/80
15 25 733 201 ZQ5140

- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 2 700 K
- power: 8.5 W
- luminous efficacy: 95 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 102 × 60 × 60 mm
- packaging: 3 pcs, small box



ZQ5140.3 3/-/12/72
15 25 733 202 ZQ5140

- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 2 700 K
- power: 8.5 W
- luminous efficacy: 95 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 102 × 60 × 60 mm
- packaging: 6 pcs, small box



ZQ5140.6 6/-/-/72
15 25 733 214 ZQ5140

- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 4 000 K
- power: 8.5 W
- luminous efficacy: 95 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 102 × 60 × 60 mm
- packaging: 1 pc, small box



ZQ5141 1/-/10/80
15 25 733 401 ZQ5141

- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 4 000 K
- power: 8.5 W
- luminous efficacy: 90 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 60 × 102 mm
- packaging: 3 pcs, small box



ZQ5141.3 3/-/12/72
15 25 733 412 ZQ5141

- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 4 000 K
- power: 8.5 W
- luminous efficacy: 95 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 102 × 60 × 60 mm
- packaging: 6 pcs, small box



ZQ5141.6 6/-/-/72
15 25 733 422 ZQ5141

- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 6 500 K
- power: 8.5 W
- luminous efficacy: 95 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 102 × 60 × 60 mm
- packaging: 1 pc, small box



ZQ5142 1/-/10/80
15 25 733 100 ZQ5142

- replacement of incandescent bulb: 75 W
- shape: A60
- luminous flux: 1 060 lm
- color temperature: 2 700 K
- power: 10.7 W
- luminous efficacy: 99 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): 83

- voltage: 230 V~/50 Hz
- dimensions: 120 × 60 × 60 mm
- packaging: 1 pc, small box



ZQ5150 1/-/10/40
15 25 733 203 ZQ5150

- replacement of incandescent bulb: 75 W
- shape: A60
- luminous flux: 1 060 lm
- color temperature: 2 700 K
- power: 10.7 W
- luminous efficacy: 99 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): 83

- voltage: 230 V~/50 Hz
- dimensions: 120 × 60 × 60 mm
- packaging: 3 pcs, small box



ZQ5150.3 3/-/12/48
15 25 733 217 ZQ5150

- replacement of incandescent bulb: 75 W
- shape: A60
- luminous flux: 1 060 lm
- color temperature: 4 000 K
- power: 10.7 W
- luminous efficacy: 99 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 120 × 60 × 60 mm
- packaging: 1 pc, small box



ZQ5151 1/-/10/40
15 25 733 402 ZQ5151

- replacement of incandescent bulb: 75 W
- shape: A60
- luminous flux: 1 060 lm
- color temperature: 4 000 K
- power: 10.7 W
- luminous efficacy: 99 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 120 × 60 × 60 mm
- packaging: 3 pcs, small box



ZQ5151.3 3/-/12/48
15 25 733 414 ZQ5151

- replacement of incandescent bulb: 75 W
- shape: A60
- luminous flux: 1 060 lm
- color temperature: 6 500 K
- power: 10.7 W
- luminous efficacy: 99 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 120 × 60 × 60 mm
- packaging: 1 pc, small box



ZQ5152 1/-/10/40
15 25 733 101 ZQ5152

- replacement of incandescent bulb: 100 W
- shape: A60
- luminous flux: 1 521 lm
- color temperature: 2 700 K
- power: 13.2 W
- luminous efficacy: 115 lm/W
- energy efficiency class: E
- beam angle: 180°
- color rendering index (CRI): 82
- voltage: 230 V~/50 Hz
- dimensions: 120 × 60 × 60 mm
- packaging: 1 pc, small box



ZQ5160 1/-/10/40
15 25 733 204 ZQ5160

- replacement of incandescent bulb: 100 W
- shape: A60
- luminous flux: 1 521 lm
- color temperature: 2 700 K
- power: 13.2 W
- luminous efficacy: 115 lm/W
- energy efficiency class: E
- beam angle: 180°
- color rendering index (CRI): 82
- voltage: 230 V~/50 Hz
- dimensions: 120 × 60 × 60 mm
- packaging: 3 pcs, small box



ZQ5160.3 3/-/12/48
15 25 733 227 ZQ5160

- replacement of incandescent bulb: 100 W
- shape: A60
- luminous flux: 1 521 lm
- color temperature: 4 000 K
- power: 13.2 W
- luminous efficacy: 115 lm/W
- energy efficiency class: E
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 120 × 60 × 60 mm
- packaging: 1 pc, small box



ZQ5161 1/-/10/40
15 25 733 403 ZQ5161

- replacement of incandescent bulb: 100 W
- shape: A60
- luminous flux: 1 521 lm
- color temperature: 4 000 K
- power: 13.2 W
- luminous efficacy: 115 lm/W
- energy efficiency class: E
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 120 × 60 × 60 mm
- packaging: 3 pcs, small box



ZQ5161.3 3/-/12/48
15 25 733 416 ZQ5161

- replacement of incandescent bulb: 100 W
- shape: A60
- luminous flux: 1 521 lm
- color temperature: 6 500 K
- power: 13.2 W
- luminous efficacy: 115 lm/W
- energy efficiency class: E
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 120 × 60 × 60 mm
- packaging: 1 pc, small box



ZQ5162 1/-/10/40
15 25 733 105 ZQ5162

- replacement of incandescent bulb: 120 W
- shape: A67
- luminous flux: 1 900 lm
- color temperature: 2 700 K
- power: 17 W
- luminous efficacy: 112 lm/W
- energy efficiency class: E
- beam angle: 200°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 143 × 67 × 67 mm
- packaging: 1 pc, small box



ZQ5173 1/-/10/40
15 25 733 248 ZQ5173

- replacement of incandescent bulb: 120 W
- shape: A67
- luminous flux: 1 900 lm
- color temperature: 4 000 K
- power: 17 W
- luminous efficacy: 112 lm/W
- energy efficiency class: E
- beam angle: 200°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 143 × 67 × 67 mm
- packaging: 1 pc, small box



ZQ5174 1/-/10/40
15 25 733 435 ZQ5174

- replacement of incandescent bulb: 120 W
- shape: A67
- luminous flux: 1 900 lm
- color temperature: 6 500 K
- power: 17 W
- luminous efficacy: 112 lm/W
- energy efficiency class: E
- beam angle: 200°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 143 × 67 × 67 mm
- packaging: 1 pc, small box



ZQ5175 1/-/10/40
15 25 733 112 ZQ5175

- replacement of incandescent bulb: 150 W
- shape: A67
- luminous flux: 2 452 lm
- color temperature: 2 700 K
- power: 19 W
- luminous efficacy: 129 lm/W
- energy efficiency class: E
- beam angle: 200°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 143 × 67 × 67 mm
- packaging: 1 pc, small box



ZQ5183 1/-/10/40
15 25 733 249 ZQ5183

- replacement of incandescent bulb: 150 W
- shape: A67
- luminous flux: 2 452 lm
- color temperature: 4 000 K
- power: 19 W
- luminous efficacy: 129 lm/W
- energy efficiency class: E
- beam angle: 200°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 143 × 67 × 67 mm
- packaging: 1 pc, small box



ZQ5184 1/-/10/40
15 25 733 436 ZQ5184

- replacement of incandescent bulb: 150 W
- shape: A67
- luminous flux: 2 452 lm
- color temperature: 6 500 K
- power: 19 W
- luminous efficacy: 129 lm/W
- energy efficiency class: E
- beam angle: 200°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 143 × 67 × 67 mm
- packaging: 1 pc, small box



ZQ5185 1/-/10/40
15 25 733 113 ZQ5185

- replacement of incandescent bulb: 32 W
- shape: Candle
- luminous flux: 350 lm
- color temperature: 2 700 K
- power: 4.1 W
- luminous efficacy: 85 lm/W
- energy efficiency class: F
- beam angle: 210°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 100 × 38 × 38 mm
- packaging: 1 pc, small box



ZQ3210 1/-/10/60
15 25 731 200 ZQ3210

- replacement of incandescent bulb: 32 W
- shape: Candle
- luminous flux: 350 lm
- color temperature: 4 000 K
- power: 4.1 W
- luminous efficacy: 85 lm/W
- energy efficiency class: F
- beam angle: 210°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 100 × 38 × 38 mm
- packaging: 1 pc, small box



ZQ3211 1/-/10/60
15 25 731 400 ZQ3211

- replacement of incandescent bulb: 32 W
- shape: Candle
- luminous flux: 350 lm
- color temperature: 2 700 K
- power: 4.1 W
- luminous efficacy: 85 lm/W
- energy efficiency class: F
- beam angle: 210°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 100 × 38 × 38 mm
- packaging: 1 pc, small box



ZQ3110 1/-/10/60
15 25 733 206 ZQ3110

- replacement of incandescent bulb: 32 W
- shape: Candle
- luminous flux: 350 lm
- color temperature: 4 000 K
- power: 4.1 W
- luminous efficacy: 85 lm/W
- energy efficiency class: F
- beam angle: 210°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 100 × 38 × 38 mm
- packaging: 1 pc, small box



ZQ3111
15 25 733 405

1/-/10/60
ZQ3111

- replacement of incandescent bulb: 40 W
- shape: Candle
- luminous flux: 470 lm
- color temperature: 2 700 K
- power: 5 W
- luminous efficacy: 94 lm/W
- energy efficiency class: F
- beam angle: 270°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 102 × 35 × 35 mm
- packaging: 1 pc, small box



ZQ3220
15 25 731 201

1/-/10/60
ZQ3220

- replacement of incandescent bulb: 40 W
- shape: Candle
- luminous flux: 470 lm
- color temperature: 2 700 K
- power: 5 W
- luminous efficacy: 94 lm/W
- energy efficiency class: F
- beam angle: 270°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 102 × 35 × 35 mm
- packaging: 3 pcs, small box



ZQ3220.3
15 25 731 207

3/-/30/90
ZQ3220

- replacement of incandescent bulb: 40 W
- shape: Candle
- luminous flux: 470 lm
- color temperature: 4 000 K
- power: 5 W
- luminous efficacy: 94 lm/W
- energy efficiency class: F
- beam angle: 270°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 102 × 35 × 35 mm
- packaging: 1 pc, small box



ZQ3221
15 25 731 401

1/-/10/60
ZQ3221

- replacement of incandescent bulb: 40 W
- shape: Candle
- luminous flux: 470 lm
- color temperature: 4 000 K
- power: 5 W
- luminous efficacy: 78 lm/W
- energy efficiency class: F
- beam angle: 270°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 102 × 35 × 35 mm
- packaging: 3 pcs, small box



ZQ3221.3
15 25 731 406

3/-/30/90
ZQ3221

- replacement of incandescent bulb: 40 W
- shape: Candle
- luminous flux: 470 lm
- color temperature: 6 500 K
- power: 5 W
- luminous efficacy: 94 lm/W
- energy efficiency class: F
- beam angle: 270°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 102 × 35 × 35 mm
- packaging: 1 pc, small box



ZQ3222
15 25 731 100

1/-/10/60
ZQ3222

- replacement of incandescent bulb: 60 W
- shape: Candle
- luminous flux: 806 lm
- color temperature: 2 700 K
- power: 7.3 W
- luminous efficacy: 110 lm/W
- energy efficiency class: E
- beam angle: 270°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 110 × 38 × 38 mm
- packaging: 1 pc, small box



ZQ3230
15 25 731 212

1/-/10/60
ZQ3230

- replacement of incandescent bulb: 60 W
- shape: Candle
- luminous flux: 806 lm
- color temperature: 4 000 K
- power: 7.3 W
- luminous efficacy: 110 lm/W
- energy efficiency class: E
- beam angle: 270°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 110 × 38 × 38 mm
- packaging: 1 pc, small box



ZQ3231
15 25 731 410

1/-/10/60
ZQ3231

- replacement of incandescent bulb: 60 W
- shape: Candle
- luminous flux: 806 lm
- color temperature: 6 500 K
- power: 7.3 W
- luminous efficacy: 110 lm/W
- energy efficiency class: E
- beam angle: 270°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 110 × 38 × 38 mm
- packaging: 1 pc, small box



ZQ3232
15 25 731 104

1/-/10/60
ZQ3232

- replacement of incandescent bulb: 40 W
- shape: Candle
- luminous flux: 470 lm
- color temperature: 2 700 K
- power: 5.2 W
- luminous efficacy: 90 lm/W
- energy efficiency class: F
- beam angle: 270°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 123 × 35 × 35 mm
- packaging: 1 pc, small box



ZQ3220T
15 25 731 219

1/-/10/60
ZQ3220T

- replacement of incandescent bulb: 32 W
- shape: Mini Globe
- luminous flux: 350 lm
- color temperature: 2 700 K
- power: 4.1 W
- luminous efficacy: 85 lm/W
- energy efficiency class: F
- beam angle: 150°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 82 × 45 × 45 mm
- packaging: 1 pc, small box



ZQ1210 1/-/10/100
15 25 731 202 LED-G45-PR-4W-
E14-WW

- replacement of incandescent bulb: 32 W
- shape: Mini Globe
- luminous flux: 350 lm
- color temperature: 4 000 K
- power: 4.1 W
- luminous efficacy: 85 lm/W
- energy efficiency class: F
- beam angle: 150°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 82 × 45 × 45 mm
- packaging: 1 pc, small box



ZQ1211 1/-/10/100
15 25 731 402 LED-G45-PR-4W-
E14-NW

- replacement of incandescent bulb: 32 W
- shape: Mini Globe
- luminous flux: 350 lm
- color temperature: 2 700 K
- power: 4.1 W
- luminous efficacy: 85 lm/W
- energy efficiency class: F
- beam angle: 150°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 80 × 45 × 45 mm
- packaging: 1 pc, small box



ZQ1110 1/-/10/100
15 25 733 207 LED-G45-PR-4W-
E27-WW

- replacement of incandescent bulb: 32 W
- shape: Mini Globe
- luminous flux: 350 lm
- color temperature: 4 000 K
- power: 4.1 W
- luminous efficacy: 85 lm/W
- energy efficiency class: F
- beam angle: 150°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 80 × 45 × 45 mm
- packaging: 1 pc, small box



ZQ1111 1/-/10/100
15 25 733 406 LED-G45-PR-4W-
E27-NW

- replacement of incandescent bulb: 40 W
- shape: Mini Globe
- luminous flux: 470 lm
- color temperature: 2 700 K
- power: 5 W
- luminous efficacy: 94 lm/W
- energy efficiency class: F
- beam angle: 220°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 78 × 45 × 45 mm
- packaging: 1 pc, small box



ZQ1220 1/-/10/100
15 25 731 203 LED-G45-PI-6W-
E14-WW

- replacement of incandescent bulb: 40 W
- shape: Mini Globe
- luminous flux: 470 lm
- color temperature: 2 700 K
- power: 5 W
- luminous efficacy: 78 lm/W
- energy efficiency class: F
- beam angle: 220°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 78 × 45 × 45 mm
- packaging: 3 pcs, small box



ZQ1220.3 3/-/30/90
15 25 731 211 ZQ1220.3

- replacement of incandescent bulb: 40 W
- shape: Mini Globe
- luminous flux: 470 lm
- color temperature: 4 000 K
- power: 5 W
- luminous efficacy: 94 lm/W
- energy efficiency class: F
- beam angle: 220°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 78 × 45 × 45 mm
- packaging: 1 pc, small box



ZQ1221 1/-/10/100
15 25 731 403 LED-G45-PI-6W-
E14-NW

- replacement of incandescent bulb: 40 W
- shape: Mini Globe
- luminous flux: 470 lm
- color temperature: 4 000 K
- power: 5 W
- luminous efficacy: 78 lm/W
- energy efficiency class: F
- beam angle: 220°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 78 × 45 × 45 mm
- packaging: 3 pcs, small box



ZQ1221.3 3/-/30/90
15 25 731 409 LED-G45-PI-6W-
E14-NW

- replacement of incandescent bulb: 40 W
- shape: Mini Globe
- luminous flux: 470 lm
- color temperature: 6 500 K
- power: 5 W
- luminous efficacy: 94 lm/W
- energy efficiency class: F
- beam angle: 220°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 78 × 45 × 45 mm
- packaging: 1 pc, small box



ZQ1222 1/-/10/100
15 25 731 101 LED-G45-PI-6W-
E14-CW

- replacement of incandescent bulb: 40 W
- shape: Mini Globe
- luminous flux: 470 lm
- color temperature: 2 700 K
- power: 5 W
- luminous efficacy: 94 lm/W
- energy efficiency class: F
- beam angle: 220°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 74 × 45 × 45 mm
- packaging: 1 pc, small box



ZQ1120 1/-/10/100
15 25 733 208 LED-G45-PI-6W-
E27-WW

- replacement of incandescent bulb: 40 W
- shape: Mini Globe
- luminous flux: 470 lm
- color temperature: 2 700 K
- power: 5 W
- luminous efficacy: 94 lm/W
- energy efficiency class: F
- beam angle: 220°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 74 × 45 × 45 mm
- packaging: 3 pcs, small box



ZQ1120.3 3/-/30/90
15 25 733 242 ZQ1120.3

- replacement of incandescent bulb: 40 W
- shape: Mini Globe
- luminous flux: 470 lm
- color temperature: 4 000 K
- power: 5 W
- luminous efficacy: 94 lm/W
- energy efficiency class: F
- beam angle: 220°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 74 × 45 × 45 mm
- packaging: 1 pc, small box



ZQ1121 1/-/10/100
15 25 733 407 LED-G45-PI-6W-
E27-NW

- replacement of incandescent bulb: 40 W
- shape: Mini Globe
- luminous flux: 470 lm
- color temperature: 4 000 K
- power: 5 W
- luminous efficacy: 78 lm/W
- energy efficiency class: F
- beam angle: 220°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 74 × 45 × 45 mm
- packaging: 3 pcs, small box



ZQ1121.3 3/-/30/90
15 25 733 428 ZQ1121.3

- replacement of incandescent bulb: 40 W
- shape: Mini Globe
- luminous flux: 470 lm
- color temperature: 6 500 K
- power: 5 W
- luminous efficacy: 94 lm/W
- energy efficiency class: F
- beam angle: 220°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 74 × 45 × 45 mm
- packaging: 1 pc, small box



ZQ1122 1/-/10/100
15 25 733 102 LED-G45-PI-6W-
E27-CW

- replacement of incandescent bulb: 60 W
- shape: Mini Globe
- luminous flux: 806 lm
- color temperature: 2 700 K
- power: 7.3 W
- luminous efficacy: 110 lm/W
- energy efficiency class: E
- beam angle: 220°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 86 × 45 × 45 mm
- packaging: 1 pc, small box



ZQ1230 1/-/10/100
15 25 731 213 ZQ1230

- replacement of incandescent bulb: 60 W
- shape: Mini Globe
- luminous flux: 806 lm
- color temperature: 4 000 K
- power: 7.3 W
- luminous efficacy: 110 lm/W
- energy efficiency class: E
- beam angle: 220°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 86 × 45 × 45 mm
- packaging: 1 pc, small box



ZQ1231 1/-/10/100
15 25 731 411 ZQ1231

- replacement of incandescent bulb: 60 W
- shape: Mini Globe
- luminous flux: 806 lm
- color temperature: 6 500 K
- power: 7.3 W
- luminous efficacy: 110 lm/W
- energy efficiency class: E
- beam angle: 220°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 86 × 45 × 45 mm
- packaging: 1 pc, small box



ZQ1232 1/-/10/100
15 25 731 105 ZQ1232

- replacement of incandescent bulb: 60 W
- shape: Mini Globe
- luminous flux: 806 lm
- color temperature: 2 700 K
- power: 7.3 W
- luminous efficacy: 110 lm/W
- energy efficiency class: E
- beam angle: 220°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 84 × 45 × 45 mm
- packaging: 1 pc, small box



ZQ1130 1/-/10/100
15 25 733 231 ZQ1130

- replacement of incandescent bulb: 60 W
- shape: Mini Globe
- luminous flux: 806 lm
- color temperature: 4 000 K
- power: 7.3 W
- luminous efficacy: 110 lm/W
- energy efficiency class: E
- beam angle: 220°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 84 × 45 × 45 mm
- packaging: 1 pc, small box



ZQ1131 1/-/10/100
15 25 733 423 ZQ1131

- replacement of incandescent bulb: 60 W
- shape: Mini Globe
- luminous flux: 806 lm
- color temperature: 6 500 K
- power: 7.3 W
- luminous efficacy: 110 lm/W
- energy efficiency class: E
- beam angle: 220°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 84 × 45 × 45 mm
- packaging: 1 pc, small box



ZQ1132 1/-/10/100
15 25 733 111 ZQ1132

- replacement of incandescent bulb: 39 W
- shape: R50
- luminous flux: 450 lm
- color temperature: 2 700 K
- power: 4 W
- luminous efficacy: 113 lm/W
- energy efficiency class: E
- beam angle: 120°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 85 × 50 × 50 mm
- packaging: 1 pc, small box



ZQ7220 1/-/10/60
15 25 731 204 LED-R50-PI-6W-E14-WW

- replacement of incandescent bulb: 39 W
- shape: R50
- luminous flux: 450 lm
- color temperature: 4 000 K
- power: 4 W
- luminous efficacy: 113 lm/W
- energy efficiency class: E
- beam angle: 120°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 85 × 50 × 50 mm
- packaging: 1 pc, small box



ZQ7221 1/-/10/60
15 25 731 404 LED-R50-PI-6W-E14-NW

- replacement of incandescent bulb: 60 W
- shape: R63
- luminous flux: 806 lm
- color temperature: 2 700 K
- power: 8.8 W
- luminous efficacy: 92 lm/W
- energy efficiency class: F
- beam angle: 120°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 100 × 63 × 63 mm
- packaging: 1 pc, small box



ZQ7140 1/-/10/80
15 25 733 211 LED-R63-PI-10W-E27-WW

- replacement of incandescent bulb: 60 W
- shape: R63
- luminous flux: 806 lm
- color temperature: 4 000 K
- power: 8.8 W
- luminous efficacy: 92 lm/W
- energy efficiency class: F
- beam angle: 120°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 100 × 63 × 63 mm
- packaging: 1 pc, small box



ZQ7141 1/-/10/80
15 25 733 410 LED-R63-PI-10W-E27-NW

- replacement of incandescent bulb: 36 W
- shape: MR16
- luminous flux: 333 lm
- color temperature: 3 000 K
- power: 4.2 W
- luminous efficacy: 93 lm/W
- energy efficiency class: F
- beam angle: 110°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 52 × 50 × 50 mm
- packaging: 1 pc, small box



ZQ8333 1/-/10/60
15 25 730 206 LED-GU10-CI-4.2W-WW

- replacement of incandescent bulb: 40 W
- shape: MR16
- luminous flux: 333 lm
- color temperature: 4 000 K
- power: 4.2 W
- luminous efficacy: 93 lm/W
- energy efficiency class: F
- beam angle: 110°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 52 × 50 × 50 mm
- packaging: 1 pc, small box



ZQ8334 1/-/10/60
15 25 730 405 LED-GU10-CI-4,2W-NW

- replacement of incandescent bulb: 39 W
- shape: MR16
- luminous flux: 333 lm
- color temperature: 6 500 K
- power: 4.2 W
- luminous efficacy: 93 lm/W
- energy efficiency class: F
- beam angle: 110°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 52 × 50 × 50 mm
- packaging: 1 pc, small box



ZQ8335 1/-/10/60
15 25 730 104 LED-GU10-CI-4,2W-CW

- replacement of incandescent bulb: 45 W
- dimmable
- shape: MR16
- luminous flux: 560 lm
- color temperature: 3 000 K
- power: 6,1 W
- luminous efficacy: 92 lm/W
- energy efficiency class: F
- beam angle: 110°

- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 55 × 50 × 50 mm
- packaging: 1 pc, small box



ZL4301 1/-/10/100
15 25 660 200 LED-GU10-PSD-6W-WW

- replacement of incandescent bulb: 81 W
- shape: MR16
- luminous flux: 580 lm
- color temperature: 4 000 K
- power: 7 W
- luminous efficacy: 97 lm/W
- energy efficiency class: F
- beam angle: 36°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 54 × 50 × 50 mm
- packaging: 1 pc, small box



ZL4780 1/-/10/100
15 25 700 420 LED-GU10-PI-6,3W-NW

- replacement of incandescent bulb: 30 W
- shape: MR16
- luminous flux: 320 lm
- color temperature: 3 000 K
- power: 3.8 W
- luminous efficacy: 78 lm/W
- energy efficiency class: G
- beam angle: 110°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 54 × 50 × 50 mm
- packaging: 1 pc, small box



ZQ8340 1/-/10/100
15 25 730 200 LED-GU10-PR-4.5W-WW

- replacement of incandescent bulb: 30 W
- shape: MR16
- luminous flux: 320 lm
- color temperature: 3 000 K
- power: 3.8 W
- luminous efficacy: 78 lm/W
- energy efficiency class: G
- beam angle: 110°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 54 × 50 × 50 mm
- packaging: 3 pcs, small box



ZQ8340.3

3/-/30/90

15 25 730 201

ZQ8340.3

- replacement of incandescent bulb: 30 W
- shape: MR16
- luminous flux: 320 lm
- color temperature: 4 000 K
- power: 3.8 W
- luminous efficacy: 78 lm/W
- energy efficiency class: G
- beam angle: 110°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 54 × 50 × 50 mm
- packaging: 1 pc, small box



ZQ8341

1/-/10/100

15 25 730 400

LED-GU10-PR-4.5W-NW

- replacement of incandescent bulb: 30 W
- shape: MR16
- luminous flux: 320 lm
- color temperature: 6 500 K
- power: 3.8 W
- luminous efficacy: 78 lm/W
- energy efficiency class: G
- beam angle: 110°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 54 × 50 × 50 mm
- packaging: 1 pc, small box



ZQ8342

1/-/10/100

15 25 730 100

LED-GU10-PR-4.5W-CW

- replacement of incandescent bulb: 40 W
- shape: MR16
- luminous flux: 465 lm
- color temperature: 3 000 K
- power: 5.7 W
- luminous efficacy: 85 lm/W
- energy efficiency class: G
- beam angle: 110°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 54 × 50 × 50 mm
- packaging: 1 pc, small box



ZQ8350

1/-/10/100

15 25 730 202

LED-GU10-PR-5.5W-WW

- replacement of incandescent bulb: 40 W
- shape: MR16
- luminous flux: 465 lm
- color temperature: 4 000 K
- power: 5.7 W
- luminous efficacy: 85 lm/W
- energy efficiency class: G
- beam angle: 110°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 54 × 50 × 50 mm
- packaging: 1 pc, small box



ZQ8351

1/-/10/100

15 25 730 401

LED-GU10-PR-5.5W-NW

- replacement of incandescent bulb: 60 W
- shape: MR16
- luminous flux: 806 lm
- color temperature: 3 000 K
- power: 8.4 W
- luminous efficacy: 90 lm/W
- energy efficiency class: F
- beam angle: 110°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 57 × 50 × 50 mm
- packaging: 1 pc, small box



ZQ8370 1/-/10/100
15 25 730 215 ZQ8370

- replacement of incandescent bulb: 60 W
- shape: MR16
- luminous flux: 806 lm
- color temperature: 3 000 K
- power: 8.4 W
- luminous efficacy: 90 lm/W
- energy efficiency class: F
- beam angle: 110°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 57 × 50 × 50 mm
- packaging: 3 pcs, small box



ZQ8370.3 3/-/30/90
15 25 730 216 ZQ8370.3



- replacement of incandescent bulb: 60 W
- shape: MR16
- luminous flux: 806 lm
- color temperature: 4 000 K
- power: 8.4 W
- luminous efficacy: 90 lm/W
- energy efficiency class: F
- beam angle: 110°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 57 × 50 × 50 mm
- packaging: 1 pc, small box



ZQ8371 1/-/10/100
15 25 730 410 ZQ8371



- replacement of incandescent bulb: 60 W
- shape: MR16
- luminous flux: 806 lm
- color temperature: 4 000 K
- power: 8.4 W
- luminous efficacy: 90 lm/W
- energy efficiency class: F
- beam angle: 110°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 57 × 50 × 50 mm
- packaging: 3 pcs, small box



ZQ8371.3 3/-/30/90
15 25 730 411 ZQ8371.3



- replacement of incandescent bulb: 28 W
- shape: MR16
- luminous flux: 380 lm
- color temperature: 3 000 K
- power: 4.5 W
- luminous efficacy: 99 lm/W
- energy efficiency class: F
- beam angle: 100°
- color rendering index (CRI): Ra >80

- voltage: 12 V
- dimensions: 46 × 50 × 50 mm
- packaging: 1 pc, small box



ZQ8433 1/-/10/60
15 25 732 200 LED-GU5,3-4,5W-
WW



- replacement of incandescent bulb: 31 W
- shape: MR16
- luminous flux: 380 lm
- color temperature: 4 000 K
- power: 4.5 W
- luminous efficacy: 99 lm/W
- energy efficiency class: F
- beam angle: 100°
- color rendering index (CRI): Ra >80

- voltage: 12 V
- dimensions: 46 × 50 × 50 mm
- packaging: 1 pc, small box



ZQ8434 1/-/10/60
15 25 732 400 LED-GU5,3-4,5W-
NW

- replacement of incandescent bulb: 21 W
- shape: JC
- luminous flux: 200 lm
- color temperature: 3 000 K
- power: 1.9 W
- luminous efficacy: 105 lm/W
- energy efficiency class: F
- beam angle: 300°
- color rendering index (CRI): Ra >80

- voltage: 12 V
- dimensions: 36 × 10 × 10 mm
- packaging: 1 pc, blister



ZQ8620 1/-/10/120
15 25 735 201 LED-G4-PR-2W-
WW

- replacement of incandescent bulb: 21 W
- shape: JC
- luminous flux: 200 lm
- color temperature: 4 000 K
- power: 1.9 W
- luminous efficacy: 105 lm/W
- energy efficiency class: F
- beam angle: 300°
- color rendering index (CRI): Ra >80

- voltage: 12 V
- dimensions: 36 × 10 × 10 mm
- packaging: 1 pc, blister



ZQ8621 1/-/10/120
15 25 735 401 LED-G4-PR-2W-
NW

- replacement of incandescent bulb: 22 W
- shape: JC
- luminous flux: 210 lm
- color temperature: 3 000 K
- power: 1.9 W
- luminous efficacy: 111 lm/W
- energy efficiency class: E
- beam angle: 320°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 46 × 15 × 15 mm
- packaging: 1 pc, small box



ZQ9526 1/-/10/80
15 25 736 207 ZQ9526

- replacement of incandescent bulb: 22 W
- shape: JC
- luminous flux: 210 lm
- color temperature: 4 000 K
- power: 1.9 W
- luminous efficacy: 111 lm/W
- energy efficiency class: E
- beam angle: 320°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 46 × 15 × 15 mm
- packaging: 1 pc, small box



ZQ9527 1/-/10/120
15 25 736 407 ZQ9527

- replacement of incandescent bulb: 32 W
- shape: JC
- luminous flux: 350 lm
- color temperature: 3 000 K
- power: 2.5 W
- luminous efficacy: 140 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 47 × 14 × 14 mm
- packaging: 1 pc, small box



ZQ9535 1/-/10/80
15 25 736 209 ZQ9535

- replacement of incandescent bulb: 32 W
- shape: JC
- luminous flux: 350 lm
- color temperature: 4 000 K
- power: 2.5 W
- luminous efficacy: 140 lm/W
- energy efficiency class: D
- beam angle: 320°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 47 × 14 × 14 mm
- packaging: 1 pc, small box



ZQ9536 1/-/10/80
15 25 736 409 ZQ9536

- replacement of incandescent bulb: 40 W
- shape: JC
- luminous flux: 470 lm
- color temperature: 3 000 K
- power: 4 W
- luminous efficacy: 118 lm/W
- energy efficiency class: E
- beam angle: 320°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 52 × 19 × 19 mm
- packaging: 1 pc, small box



ZQ9544 1/-/10/80
15 25 736 210 ZQ9544

- replacement of incandescent bulb: 40 W
- shape: JC
- luminous flux: 470 lm
- color temperature: 3 000 K
- power: 4 W
- luminous efficacy: 118 lm/W
- energy efficiency class: E
- beam angle: 320°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 52 × 19 × 19 mm
- packaging: 2 pcs, small box



ZQ9544.2 2/-/20/160
15 25 736 208 ZQ9544.2

- replacement of incandescent bulb: 40 W
- shape: JC
- luminous flux: 470 lm
- color temperature: 4 000 K
- power: 4 W
- luminous efficacy: 118 lm/W
- energy efficiency class: E
- beam angle: 320°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 52 × 19 × 19 mm
- packaging: 1 pc, small box



ZQ9545 1/-/10/80
15 25 736 410 ZQ9545

- replacement of incandescent bulb: 40 W
- shape: JC
- luminous flux: 470 lm
- color temperature: 4 000 K
- power: 4 W
- luminous efficacy: 118 lm/W
- energy efficiency class: E
- beam angle: 320°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 52 × 19 × 19 mm
- packaging: 2 pcs, small box



ZQ9545.2
15 25 736 408

2/-/20/160
ZQ9545.2

- replacement of incandescent bulb: 270 W
- shape: T140
- luminous flux: 4 850 lm
- color temperature: 4 000 K
- power: 44.5 W
- luminous efficacy: 109 lm/W
- energy efficiency class: F
- beam angle: 200°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 227 × 138 × 138 mm
- packaging: 1 pc, small box



ZL5751
15 25 423 500

1/-/-/8
LED-T140-CI-46W-E27-NW

- replacement of incandescent bulb: 270 W
- shape: T140
- luminous flux: 4 850 lm
- color temperature: 4 000 K
- power: 44.5 W
- luminous efficacy: 109 lm/W
- energy efficiency class: F
- beam angle: 200°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 248 × 138 × 138 mm
- packaging: 1 pc, small box

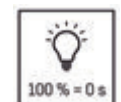


ZL5754
15 25 737 400

1/-/-/8
LED-T140-CI-46W-E40-NW

Basic

- most popular bulb types, found in most households
- economical replacement for obsolete tungsten filament bulbs
- low price and power consumption yet high efficiency
- lights up to 100 % immediately after pressing the switch



- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 3 000 K
- power: 8.5 W
- luminous efficacy: 95 lm/W
- energy efficiency class: F
- beam angle: 160°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 108 × 60 × 60 mm
- packaging: 1 pc, small box



ZL4010
15 25 633 230

1/-/10/80
LED-A60-VI-10W-WW

- replacement of incandescent bulb: 60 W
- shape: A60
- luminous flux: 806 lm
- color temperature: 4 000 K
- power: 8.5 W
- luminous efficacy: 95 lm/W
- energy efficiency class: F
- beam angle: 160°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 108 × 60 × 60 mm
- packaging: 1 pc, small box



ZL4011 1/-/10/30
15 25 733 243 ZL4011

- replacement of incandescent bulb: 75 W
- shape: A60
- luminous flux: 1 055 lm
- color temperature: 3 000 K
- power: 11 W
- luminous efficacy: 88 lm/W
- energy efficiency class: F
- beam angle: 160°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 60 × 110 mm
- packaging: 1 pc, small box



ZL4013 1/-/10/30
15 25 633 240 LED-A60-VI-12W-WW

- replacement of incandescent bulb: 75 W
- shape: A60
- luminous flux: 1 055 lm
- color temperature: 4 000 K
- power: 11 W
- luminous efficacy: 96 lm/W
- energy efficiency class: F
- beam angle: 160°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 110 × 60 × 60 mm
- packaging: 1 pc, small box



ZL4014 1/-/10/40
15 25 733 429 ZL4014

- replacement of incandescent bulb: 100 W
- shape: A60
- luminous flux: 1 521 lm
- color temperature: 3 000 K
- power: 15.3 W
- luminous efficacy: 99 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 125 × 60 × 60 mm
- packaging: 1 pc, small box



ZL4018 1/-/10/40
15 25 733 241 ZL4018

- replacement of incandescent bulb: 100 W
- shape: A60
- luminous flux: 1 521 lm
- color temperature: 4 000 K
- power: 15.3 W
- luminous efficacy: 99 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 125 × 60 × 60 mm
- packaging: 1 pc, small box



ZL4019 1/-/10/40
15 25 733 430 ZL4019

- replacement of incandescent bulb: 42 W
- shape: Candle
- luminous flux: 510 lm
- color temperature: 3 000 K
- power: 6 W
- luminous efficacy: 85 lm/W
- energy efficiency class: F
- beam angle: 220°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 100 × 38 × 38 mm
- packaging: 1 pc, small box



ZL4102 1/-/10/60
15 25 641 210 LED-C38-VR-E14-6W-WW

- replacement of incandescent bulb: 42 W
- shape: Candle
- luminous flux: 510 lm
- color temperature: 3 000 K
- power: 6 W
- luminous efficacy: 85 lm/W
- energy efficiency class: F
- beam angle: 220°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 100 × 38 × 38 mm
- packaging: 1 pc, small box



ZL4108 1/-/10/60
15 25 643 200 LED-C38-VR-E27-6W-WW

- replacement of incandescent bulb: 66 W
- shape: Candle
- luminous flux: 900 lm
- color temperature: 3 000 K
- power: 8.3 W
- luminous efficacy: 108 lm/W
- energy efficiency class: F
- beam angle: 220°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 110 × 38 × 38 mm
- packaging: 1 pc, small box



ZL4116 1/-/10/60
15 25 731 217 ZL4116

- replacement of incandescent bulb: 66 W
- shape: Candle
- luminous flux: 900 lm
- color temperature: 4 000 K
- power: 8.3 W
- luminous efficacy: 108 lm/W
- energy efficiency class: F
- beam angle: 220°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 110 × 38 × 38 mm
- packaging: 1 pc, small box



ZL4117 1/-/10/60
15 25 731 415 ZL4117

- replacement of incandescent bulb: 42 W
- shape: Mini Globe
- luminous flux: 510 lm
- color temperature: 3 000 K
- power: 6 W
- luminous efficacy: 85 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 82 × 45 × 45 mm
- packaging: 1 pc, small box



ZL3904 1/-/10/100
15 25 621 200 LED-G45-VR-E14-6W-WW

- replacement of incandescent bulb: 42 W
- shape: Mini Globe
- luminous flux: 510 lm
- color temperature: 3 000 K
- power: 6 W
- luminous efficacy: 83 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 82 × 45 × 45 mm
- packaging: 1 pc, small box



ZL3907 1/-/10/100
15 25 623 210 LED-G45-VR-E27-6W-WW

- replacement of incandescent bulb: 66 W
- shape: Mini Globe
- luminous flux: 900 lm
- color temperature: 3 000 K
- power: 8.3 W
- luminous efficacy: 108 lm/W
- energy efficiency class: F
- beam angle: 150°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 90 × 45 × 45 mm
- packaging: 1 pc, small box



ZL3911 1/-/10/100
15 25 731 218 ZL3911

- replacement of incandescent bulb: 66 W
- shape: Mini Globe
- luminous flux: 900 lm
- color temperature: 4 000 K
- power: 8.3 W
- luminous efficacy: 108 lm/W
- energy efficiency class: F
- beam angle: 150°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 90 × 45 × 45 mm
- packaging: 1 pc, small box



ZL3912 1/-/10/100
15 25 731 416 ZL3912

- replacement of incandescent bulb: 21 W
- shape: MR16
- luminous flux: 200 lm
- color temperature: 3 000 K
- power: 3.3 W
- luminous efficacy: 67 lm/W
- energy efficiency class: G
- beam angle: 110°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 56 × 50 × 50 mm
- packaging: 1 pc, small box



Z75040 1/-/10/100
15 25 380 210 LED-GU10-SR-3W-WW

- replacement of incandescent bulb: 21 W
- shape: MR16
- luminous flux: 205 lm
- color temperature: 4 000 K
- power: 3.3 W
- luminous efficacy: 73 lm/W
- energy efficiency class: G
- beam angle: 110°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 56 × 50 × 50 mm
- packaging: 1 pc, small box



Z75060 1/-/10/100
15 25 380 110 LED-GU10-SR-3W-NW

- replacement of incandescent bulb: 40 W
- shape: MR16
- luminous flux: 470 lm
- color temperature: 3 000 K
- power: 5.8 W
- luminous efficacy: 70 lm/W
- energy efficiency class: G
- beam angle: 110°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 56 × 50 × 50 mm
- packaging: 1 pc, small box



Z75130 1/-/10/100
15 25 380 240 LED-GU10-VR-6W-WW

- replacement of incandescent bulb: 42 W
- shape: MR16
- luminous flux: 500 lm
- color temperature: 4 000 K
- power: 5.8 W
- luminous efficacy: 86 lm/W
- energy efficiency class: F
- beam angle: 110°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 56 × 50 × 50 mm
- packaging: 1 pc, small box



Z75140 1/-/10/100
15 25 380 410 LED-GU10-VR-6W-NW

GoSmart Bulbs

- Remote light on/off
- Brightness, light colour and chromaticity temperature control
- Energy saving with automatic switch-off and dimming options
- Set unique lighting scenes for different activities
- Easy to install and create automations
- Connection to the home network via WIFI protocol
- Compatibility with EMOS GoSmart products and TUYA devices
- Voice control with Google Assistant and Amazon Alexa



- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- control by voice assistants
- notifications to the mobile app
- transmission frequency: 2.4 GHz WIFI
- replacement of incandescent bulb: 60 W
- dimmable
- shape: A60

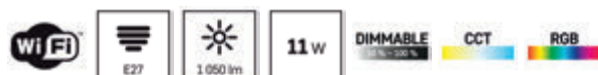
- luminous flux: 806 lm
- color temperature: 2 700–6 500 K
- power: 9 W
- luminous efficacy: 90 lm/W
- energy efficiency class: F
- beam angle: 200°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 60 × 60 × 120 mm



ZQW514R 1/-/10/40
15 20 503 500 ZQW514R

- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- control by voice assistants
- notifications to the mobile app
- transmission frequency: 2.4 GHz WIFI
- replacement of incandescent bulb: 75 W
- dimmable
- shape: A60

- color temperature: 2 700–6 500 K
- power: 11 W
- luminous efficacy: 95 lm/W
- energy efficiency class: F
- beam angle: 200°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 60 × 60 × 125 mm
- packaging: 1 pc, small box



ZQW515R 1/-/10/40
15 20 503 501 ZQW515R

- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- control by voice assistants
- notifications to the mobile app
- transmission frequency: 2.4 GHz WIFI
- replacement of incandescent bulb: 94 W
- dimmable
- shape: A65

- luminous flux: 1 400 lm
- color temperature: 2 700–6 500 K
- power: 14 W
- luminous efficacy: 100 lm/W
- energy efficiency class: F
- beam angle: 200°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 65 × 65 × 134 mm



ZQW516R
15 20 503 502

1/-/10/40
ZQW516R



- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- control by voice assistants
- notifications to the mobile app
- transmission frequency: 2.4 GHz WIFI
- replacement of incandescent bulb: 40 W
- dimmable
- shape: Candle

- luminous flux: 470 lm
- color temperature: 2 700–6 500 K
- power: 4.8 W
- luminous efficacy: 98 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 36,5 × 36,5 × 110 mm



ZQW322R
15 25 501 500

1/-/10/60
ZQW322R



- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- control by voice assistants
- notifications to the mobile app
- transmission frequency: 2.4 GHz WIFI
- replacement of incandescent bulb: 35 W
- dimmable
- shape: MR16

- luminous flux: 400 lm
- color temperature: 2 700–6 500 K
- power: 4.8 W
- luminous efficacy: 83 lm/W
- energy efficiency class: G
- beam angle: 120°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 50 × 50 × 56.5 mm



ZQW832R
15 25 500 500

1/-/10/90
ZQW832R



- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- control by voice assistants
- notifications to the mobile app
- transmission frequency: ZigBee 2.4 GHz
- replacement of incandescent bulb: 60 W
- dimmable
- shape: A60

- luminous flux: 806 lm
- color temperature: 2 700–6 500 K
- power: 9 W
- luminous efficacy: 90 lm/W
- energy efficiency class: F
- beam angle: 200°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 60 × 60 × 120 mm



ZQZ514R
15 25 753 500

1/-/10/40
ZQZ514R



- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- control by voice assistants
- notifications to the mobile app
- transmission frequency: ZigBee 2.4 GHz
- replacement of incandescent bulb: 75 W
- dimmable
- shape: A60

- color temperature: 2 700–6 500 K
- power: 11 W
- luminous efficacy: 95 lm/W
- energy efficiency class: F
- beam angle: 200°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 60 × 60 × 125 mm
- packaging: 1 pc, small box



ZQZ515R
15 25 753 501

1/-/10/40
ZQZ515R



- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- control by voice assistants
- notifications to the mobile app
- transmission frequency: ZigBee 2.4 GHz
- replacement of incandescent bulb: 94 W
- dimmable
- shape: A60
- luminous flux: 1 400 lm
- color temperature: 2 700–6 500 K
- power: 14 W
- luminous efficacy: 100 lm/W
- energy efficiency class: F
- beam angle: 200°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 65 × 65 × 134 mm



ZQZ516R 1/-/10/40
15 25 753 502 ZQZ516R

- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- control by voice assistants
- notifications to the mobile app
- transmission frequency: ZigBee 2.4 GHz
- replacement of incandescent bulb: 40 W
- dimmable
- shape: Candle
- luminous flux: 470 lm
- color temperature: 2 700–6 500 K
- power: 4.8 W
- luminous efficacy: 98 lm/W
- energy efficiency class: F
- beam angle: 180°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 36,5 × 36,5 × 110 mm



ZQZ322R 1/-/10/60
15 25 751 500 ZQZ322R

- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- control by voice assistants
- notifications to the mobile app
- transmission frequency: ZigBee 2.4 GHz
- replacement of incandescent bulb: 35 W
- dimmable
- shape: MR16
- luminous flux: 400 lm
- color temperature: 2 700–6 500 K
- power: 4.8 W
- luminous efficacy: 83 lm/W
- energy efficiency class: G
- beam angle: 120°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 50 × 50 × 56.5 mm



ZQZ832R 1/-/10/90
15 25 750 500 ZQZ832R

Light sources

Light bulbs for electrical appliances

- energy-saving LED and classic bulbs for kitchen appliances
- shape adapted for use in various household appliances
- with E14 lamp cap
- bulb for oven, can withstand up to 300 °C

- replacement of incandescent bulb: 17 W
- shape: ST26
- luminous flux: 160 lm
- color temperature: 4 000 K
- power: 1.8 W
- luminous efficacy: 89 lm/W
- energy efficiency class: F
- beam angle: 150°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 58 × 27 × 27 mm
- packaging: 1 pc, small box

**Z6913**

1/-/10/100

15 24 014 013 LED-FR-1,6W-NW

- replacement of incandescent bulb: 40 W
- shape: JC
- luminous flux: 465 lm
- color temperature: 3 000 K
- power: 4.5 W
- luminous efficacy: 103 lm/W
- energy efficiency class: F
- beam angle: 300°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 58 × 20 × 20 mm
- packaging: 1 pc, blister

**ZQ9140**

1/-/10/120

15 25 731 208 ZQ9140

- replacement of incandescent bulb: 40 W
- shape: JC
- luminous flux: 465 lm
- color temperature: 4 000 K
- power: 4.5 W
- luminous efficacy: 103 lm/W
- energy efficiency class: F
- beam angle: 300°
- color rendering index (CRI): Ra >80

- voltage: 230 V~/50 Hz
- dimensions: 58 × 20 × 20 mm
- packaging: 1 pc, blister

**ZQ9141**

1/-/10/120

15 25 731 407 ZQ9141

- type: special lamp for oven
- voltage: 230 V
- power: 15 W
- color temperature: 300 °C
- socket (bulb holder): E14
- luminous flux: 58 lm
- packaging: 1 pc, box
- dimensions: 23 × 45 mm



Z6911 1/-/10/300
15 24 115 010 Z2

- type: fume hood bulb
- voltage: 230 V
- power: 40 W
- socket (bulb holder): E14
- luminous flux: 400 lm
- packaging: 1 pc, box
- dimensions: 25 × 82 mm



C5109 1/-/-/100
31 32 510 900 ADR 230-240V
40W/E14

ECO halogen

- more energy-efficient version of classic tungsten fibre bulb
- lights up to 100 % immediately after pressing the switch
- smooth dimming capability (when used with suitable dimmer)

- replacement of incandescent bulb: 19 W
- shape: JC
- luminous flux: 180 lm
- color temperature: 2 700 K
- power: 20 W
- luminous efficacy: 9 lm/W
- energy efficiency class: G
- beam angle: 270°
- color rendering index (CRI): 99.9

- voltage: 230 V~/50 Hz
- dimensions: 40 × 14 × 14 mm
- packaging: 1 pc, small box



ZE0301 1/10/100/1 000
15 28 021 800 EC18-G9

- replacement of incandescent bulb: 31 W
- shape: JC
- luminous flux: 340 lm
- color temperature: 2 700 K
- power: 30 W
- luminous efficacy: 11 lm/W
- energy efficiency class: G
- beam angle: 270°
- color rendering index (CRI): 99.9

- voltage: 230 V~/50 Hz
- dimensions: 40 × 14 × 14 mm
- packaging: 1 pc, small box



ZE0302 1/10/100/1 000
15 28 022 800 EC28-G9

- replacement of incandescent bulb: 47 W
- shape: JC
- luminous flux: 580 lm
- color temperature: 2 700 K
- power: 45 W
- luminous efficacy: 13 lm/W
- energy efficiency class: G
- beam angle: 270°
- color rendering index (CRI): 99.9
- voltage: 230 V~/50 Hz
- dimensions: 40 × 14 × 14 mm
- packaging: 1 pc, small box



ZE0303 1/10/100/1 000
15 28 024 200 EC42-G9

- replacement of incandescent bulb: 19 W
- shape: JC
- luminous flux: 180 lm
- color temperature: 3 000 K
- power: 14 W
- luminous efficacy: 13 lm/W
- energy efficiency class: G
- beam angle: 270°
- color rendering index (CRI): 99.9
- voltage: 12 V
- dimensions: 33 × 9 × 9 mm
- packaging: 1 pc, small box



ZE0501A 1/10/100/1 000
15 28 001 400 ECG4-JC14

- replacement of incandescent bulb: 94 W
- shape: J78
- luminous flux: 1 400 lm
- color temperature: 3 000 K
- power: 80 W
- luminous efficacy: 18 lm/W
- energy efficiency class: G
- beam angle: 360°
- color rendering index (CRI): Ra >99
- voltage: 230 V~/50 Hz
- dimensions: 8 × 78 × 8 mm
- packaging: 1 pc, small box



ZE0101 1/10/50/500
15 27 000 800 ECL 80-J78

- replacement of incandescent bulb: 139 W
- shape: J78
- luminous flux: 2 250 lm
- color temperature: 3 000 K
- power: 120 W
- luminous efficacy: 19 lm/W
- energy efficiency class: G
- beam angle: 360°
- color rendering index (CRI): Ra >99
- voltage: 230 V~/50 Hz
- dimensions: 8 × 78 × 8 mm
- packaging: 1 pc, small box



ZE0102 1/10/50/500
15 27 001 200 ECL 120-J78

- replacement of incandescent bulb: 161 W
- shape: J118
- luminous flux: 2 680 lm
- color temperature: 3 000 K
- power: 140 W
- luminous efficacy: 19 lm/W
- energy efficiency class: G
- beam angle: 360°
- color rendering index (CRI): Ra >99
- voltage: 230 V~/50 Hz
- dimensions: 10 × 118 × 10 mm
- packaging: 1 pc, small box



ZE0203 1/10/50/250
15 27 101 400 ZE0203

Light sources

LED tubes, tubes

PROFI PLUS

- designed for professional replacement of fluorescent tubes
- high luminous efficacy up to 150 lm/W
- high energy saving
- increased service life
- 5 years warranty
- use: administrative and industrial premises

- shape: T8
- luminous flux: 1 100 lm
- color temperature: 4 000 K
- power: 7.3 W
- luminous efficacy: 151 lm/W
- energy efficiency class: D
- beam angle: 260°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz

- dimensions: 27 × 603 × 27 mm
- packaging: 10 pcs, small box

**Z73215**

10/-/-/10

15 35 235 000

Z73215

- shape: T8
- luminous flux: 1 100 lm
- color temperature: 6 500 K
- power: 7.3 W
- luminous efficacy: 151 lm/W
- energy efficiency class: D
- beam angle: 260°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz

- dimensions: 27 × 603 × 27 mm
- packaging: 10 pcs, small box

**Z73216**

10/-/-/10

15 35 236 000

Z73216

- shape: T8
- luminous flux: 2 100 lm
- color temperature: 4 000 K
- power: 14 W
- luminous efficacy: 150 lm/W
- energy efficiency class: D
- beam angle: 260°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz

- dimensions: 27 × 1213 × 27 mm
- packaging: 10 pcs, small box

**Z73225**

10/-/-/10

15 35 237 000

Z73225

- shape: T8
- luminous flux: 2 100 lm
- color temperature: 6 500 K
- power: 14 W
- luminous efficacy: 150 lm/W
- energy efficiency class: D
- beam angle: 260°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 27 × 1213 × 27 mm
- packaging: 10 pcs, small box



Z73226 10/-/-/10
15 35 238 000 Z73226

- shape: T8
- luminous flux: 3 100 lm
- color temperature: 4 000 K
- power: 20.6 W
- luminous efficacy: 150 lm/W
- energy efficiency class: D
- beam angle: 260°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 27 × 1514 × 27 mm
- packaging: 10 pcs, small box



Z73235 10/-/-/10
15 35 239 000 Z73235

- shape: T8
- luminous flux: 3 100 lm
- color temperature: 6 500 K
- power: 20.6 W
- luminous efficacy: 150 lm/W
- energy efficiency class: D
- beam angle: 260°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 27 × 1514 × 27 mm
- packaging: 10 pcs, small box



Z73236 10/-/-/10
15 35 240 000 Z73236

BASIC

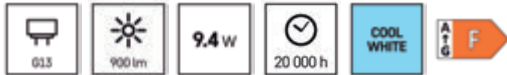
- designed to replace conventional fluorescent tubes
- they are characterized by luminous efficacy up to 100 lm/W
- high energy saving
- long service life
- favourable price/quality ratio
- use: administrative and industrial premises

- shape: T8
- luminous flux: 900 lm
- color temperature: 4 000 K
- power: 9.4 W
- luminous efficacy: 96 lm/W
- energy efficiency class: F
- beam angle: 260°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 600 × 26 × 26 mm
- packaging: 25 pc, small box



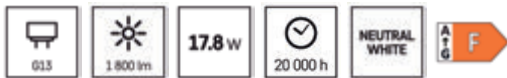
Z73113 25/-/-/25
15 35 241 000 Z73113

- shape: T8
- luminous flux: 900 lm
- color temperature: 6 500 K
- power: 9.4 W
- luminous efficacy: 96 lm/W
- energy efficiency class: F
- beam angle: 260°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 600 × 26 × 26 mm
- packaging: 25 pc, small box



Z73114 25/-/-/25
15 35 242 000 Z73114

- shape: T8
- luminous flux: 1 800 lm
- color temperature: 4 000 K
- power: 17.8 W
- luminous efficacy: 101 lm/W
- energy efficiency class: F
- beam angle: 260°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 1 200 × 26 × 26 mm
- packaging: 25 pc, small box



Z73123 25/-/-/25
15 35 243 000 Z73123

- shape: T8
- luminous flux: 1 800 lm
- color temperature: 6 500 K
- power: 17.8 W
- luminous efficacy: 101 lm/W
- energy efficiency class: F
- beam angle: 260°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 1 200 × 26 × 26 mm
- packaging: 25 pc, small box



Z73124 25/-/-/25
15 35 244 000 Z73124

- shape: T8
- luminous flux: 2 500 lm
- color temperature: 4 000 K
- power: 24.3 W
- luminous efficacy: 103 lm/W
- energy efficiency class: F
- beam angle: 260°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 1 500 × 26 × 26 mm
- packaging: 25 pc, small box



Z73133 25/-/-/25
15 35 245 000 Z73133

- shape: T8
- luminous flux: 2 500 lm
- color temperature: 6 500 K
- power: 24.3 W
- luminous efficacy: 103 lm/W
- energy efficiency class: F
- beam angle: 260°
- color rendering index (CRI): Ra >80
- voltage: 230 V~/50 Hz
- dimensions: 1 500 × 26 × 26 mm
- packaging: 25 pc, small box



Z73134 25/-/-/25
15 35 246 000 Z73134

Luminaires

Highbays

PROFI PLUS

ASTER

PROFI PLUS

- for professional industrial installations at high heights
- Osram branded LED chips with a luminous efficacy of 170 lm/W
- IP65 rating ensures water resistance
- outstanding performance and light quality – CRI > 80
- option for dimming using accessories (0–10 V, DALI)
- 5 years warranty
- use: industrial and warehouse buildings, large halls

- power: 100 W
- luminous flux: 17 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP65
- beam angle: 60°
- dimensions: 265 × 163 mm in diameter

- supply cable length: 30 cm
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box

**ZU210.6**

1/-/-/1

15 46 136 900

ZU210.6

- power: 100 W
- luminous flux: 17 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP65
- beam angle: 90°
- dimensions: 265 × 163 mm in diameter

- supply cable length: 30 cm
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box

**ZU210.9**

1/-/-/1

15 46 136 800

ZU210.9

- power: 100 W
- luminous flux: 17 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 265 × 163 mm in diameter

- supply cable length: 30 cm
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box

**ZU210.12**

1/-/-/1

15 46 136 700

ZU210.12

- power: 150 W
- luminous flux: 25 500 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP65
- beam angle: 60°
- dimensions: 300 × 173 mm in diameter
- supply cable length: 30 cm
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZU215.6
15 46 137 200

1/-/-/1
ZU215.6

- power: 150 W
- luminous flux: 25 500 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP65
- beam angle: 90°
- dimensions: 300 × 173 mm in diameter
- supply cable length: 30 cm
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZU215.9
15 46 137 100

1/-/-/1
ZU215.9

- power: 150 W
- luminous flux: 25 500 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 300 × 173 mm in diameter
- supply cable length: 30 cm
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZU215.12
15 46 137 000

1/-/-/1
ZU215.12

- power: 200 W
- luminous flux: 34 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP65
- beam angle: 60°
- dimensions: 340 × 178 mm in diameter
- supply cable length: 30 cm
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZU220.6
15 46 137 500

1/-/-/1
ZU220.6

- power: 200 W
- luminous flux: 34 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP65
- beam angle: 90°
- dimensions: 340 × 178 mm in diameter
- supply cable length: 30 cm
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZU220.9
15 46 137 400

1/-/-/1
ZU220.9

- power: 200 W
- luminous flux: 34 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 340 × 178 mm in diameter
- supply cable length: 30 cm
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZU220.12
15 46 137 300

1/-/-1
ZU220.12

Luminaires

Highbays

Accessories

ZU9001

1/-/-144

15 46 009 001

ZU9001



product: 0–10 V converter for Highbay = dimensions: 55 × 29 mm in diameter = material: plastic (PC) + metal = designed for: Highbay ZU210/215/220 = packaging: 1 ks, box

ZU9002

1/-/-144

15 46 009 002

ZU9002



product: DALI converter for Highbay = dimensions: 55 × 29 mm in diameter = material: plastic (PC) + metal = designed for: Highbay ZU210/215/220 = packaging: 1 ks, box

ZU9902

1/-/-20

15 46 009 902

ZU9902



product: bracket for Highbay = dimensions: 254 × 115 × 50 mm = material: aluminum = designed for: Highbay ZU210/215/220 = packaging: 1 pc, packet

Luminaires

Dustproofs

PROFI PLUS

MISTY

PROFI PLUS

- designed for professional industrial installations
- replace older fluorescent luminaires
- modern design with high luminous efficacy up to 145 lm/W
- long life and instant 100% output
- energy saving up to 50% compared to fluorescent luminaires
- IP66 protection guarantees water resistance
- 5 years warranty
- use: industrial buildings, garages, corridors, workshops

- dimensions: 1 220 × 85 × 80 mm
- power: 37 W
- luminous flux: 5 300 lm
- color temperature: 4 000 K
- color rendering index (CRI): Ra >80
- beam angle: 120°
- IP rating: IP66
- through-wiring
- working temperature range: -20 °C to +40 °C

- clip material: stainless steel
- voltage: 220–240 V
- protection class: I
- packaging: 1 pc, box



ZT1520 1/-/-/9
15 46 136 300 ZT1520

- dimensions: 1 220 × 85 × 80 mm
- power: 36 W
- luminous flux: 5 200 lm
- color temperature: 4 000 K
- color rendering index (CRI): Ra >80
- beam angle: 120°
- IP rating: IP66
- through-wiring
- working temperature range: -20 °C to +40 °C

- dimming function: yes
- clip material: stainless steel
- voltage: 220–240 V
- protection class: I
- type of controlling: DALI
- packaging: 1 pc, box



ZT1520D 1/-/-/9
15 46 136 301 ZT1520D

- dimensions: 1 220 × 85 × 80 mm
- power: 40 W
- luminous flux: 5 300 lm
- color temperature: 4 000 K
- color rendering index (CRI): Ra >80
- beam angle: 120°
- IP rating: IP66
- through-wiring
- working temperature range: -20 °C to +40 °C

- clip material: stainless steel
- voltage: 220–240 V
- protection class: I
- lumen output in emergency mode: 630 lm
- backup time: 3 hours
- battery warranty: 2 years
- packaging: 1 pc, box



ZT1520E 1/-/-/9
15 46 136 302 ZT1520E

- dimensions: 1 520 × 85 × 80 mm
- power: 53 W
- luminous flux: 7 700 lm
- color temperature: 4 000 K
- color rendering index (CRI): Ra >80
- beam angle: 120°
- IP rating: IP66
- through-wiring
- working temperature range: -20 °C to +40 °C

- clip material: stainless steel
- voltage: 220–240 V
- protection class: I
- packaging: 1 pc, box



ZT1620
15 46 136 400

1/-/-/9
ZT1620



- dimensions: 1 520 × 85 × 80 mm
- power: 53 W
- luminous flux: 7 700 lm
- color temperature: 4 000 K
- color rendering index (CRI): Ra >80
- beam angle: 120°
- IP rating: IP66
- through-wiring
- working temperature range: -20 °C to +40 °C

- dimming function: yes
- clip material: stainless steel
- voltage: 220–240 V
- protection class: I
- type of controlling: DALI
- packaging: 1 pc, box



ZT1620D
15 46 136 401

1/-/-/9
ZT1620D



- dimensions: 1 520 × 85 × 80 mm
- power: 56 W
- luminous flux: 7 700 lm
- color temperature: 4 000 K
- color rendering index (CRI): Ra >80
- beam angle: 120°
- IP rating: IP66
- through-wiring
- working temperature range: -20 °C to +40 °C

- clip material: stainless steel
- voltage: 220–240 V
- protection class: I
- lumen output in emergency mode: 630 lm
- backup time: 3 hours
- battery warranty: 2 years



ZT1620E
15 46 136 402

1/-/-/9
ZT1620E



- dimensions: 1 220 × 85 × 80 mm
- power: 37 W
- luminous flux: 5 300 lm
- color temperature: 6 500 K
- color rendering index (CRI): Ra >80
- beam angle: 120°
- IP rating: IP66
- through-wiring
- working temperature range: -20 °C to +40 °C

- clip material: stainless steel
- voltage: 220–240 V
- protection class: I
- packaging: 1 pc, box



ZT1530
15 46 136 500

1/-/-/9
ZT1530



- dimensions: 1 520 × 85 × 80 mm
- power: 53 W
- luminous flux: 7 700 lm
- color temperature: 6 500 K
- color rendering index (CRI): Ra >80
- beam angle: 120°
- IP rating: IP66
- through-wiring
- working temperature range: -20 °C to +40 °C

- clip material: stainless steel
- voltage: 220–240 V
- protection class: I
- packaging: 1 pc, box



ZT1630
15 46 136 600

1/-/-/9
ZT1630



Luminaires

Dustproofs

PROFI

FESTY

PROFI

- designed for professional industrial installations
- replace older fluorescent luminaires
- characterised by their modern design
- excellent price/quality ratio
- long life and instant 100% output
- energy saving up to 50% compared to fluorescent luminaires
- 5 years warranty
- use: industrial buildings, garages, corridors, workshops

- dimensions: 670 × 64 × 64 mm
- power: 18 W
- luminous flux: 2 200 lm
- color temperature: 4 000 K
- color rendering index (CRI): Ra >80
- beam angle: 120°
- IP rating: IP65
- through-wiring
- working temperature range: -20 °C to +40 °C

- material: plastic (PC)
- clip material: no clips
- voltage: 220–240 V
- protection class: I
- packaging: 1 pc, box



ZT4320 1/-/-/10
15 46 137 700 ZT4320

- dimensions: 1 270 × 64 × 64 mm
- power: 34 W
- luminous flux: 4 100 lm
- color temperature: 4 000 K
- color rendering index (CRI): Ra >80
- beam angle: 120°
- IP rating: IP65
- through-wiring
- working temperature range: -20 °C to +40 °C

- material: plastic (PC)
- clip material: no clips
- voltage: 220–240 V
- protection class: I
- packaging: 1 pc, box



ZT4420 1/-/-/10
15 46 137 800 ZT4420

- dimensions: 1 570 × 64 × 64 mm
- power: 51 W
- luminous flux: 6 000 lm
- color temperature: 4 000 K
- color rendering index (CRI): Ra >80
- beam angle: 120°
- IP rating: IP65
- through-wiring
- working temperature range: -20 °C to +40 °C

- material: plastic (PC)
- clip material: no clips
- voltage: 220–240 V
- protection class: I
- packaging: 1 pc, box



ZT4520 1/-/-/10
15 46 137 900 ZT4520

Luminaires

Dustproofs

ESSENTIAL

DUSTY

ESSENTIAL

- designed for standard industrial installations
- replace older fluorescent luminaires
- long life and instant 100% output
- energy saving up to 50% compared to fluorescent luminaires
- IP65 protection guarantees water resistance
- possibility of through wiring
- 3 years warranty
- use: industrial buildings, garages, corridors, workshops

- dimensions: 754 × 53 × 35 mm
- power: 18 W
- luminous flux: 1 700 lm
- color temperature: 4 000 K
- color rendering index (CRI): Ra >80
- beam angle: 120°
- IP rating: IP65
- through-wiring
- working temperature range: -15 °C to +35 °C

- material: plastic (PC)
- clip material: no clips
- voltage: 220–240 V
- protection class: II
- packaging: 1 pc, blister



ZT3020 1/-/-/20
15 46 135 700 ZT3020

- dimensions: 1 284 × 53 × 35 mm
- power: 37 W
- luminous flux: 3 800 lm
- color temperature: 4 000 K
- color rendering index (CRI): Ra >80
- beam angle: 120°
- IP rating: IP65
- through-wiring
- working temperature range: -15 °C to +35 °C

- material: plastic (PC)
- clip material: no clips
- voltage: 220–240 V
- protection class: II
- packaging: 1 pc, blister



ZT3120 1/-/-/20
15 46 135 800 ZT3120

- dimensions: 1 564 × 53 × 35 mm
- power: 45 W
- luminous flux: 4 500 lm
- color temperature: 4 000 K
- color rendering index (CRI): Ra >80
- beam angle: 120°
- IP rating: IP65
- through-wiring
- working temperature range: -20 °C to +35 °C

- material: plastic (PC)
- clip material: no clips
- voltage: 220–240 V
- protection class: II
- packaging: 1 pc, blister



ZT3220 1/-/-/20
15 46 135 900 ZT3220

Luminaires

Floodlights

PROFI PLUS

AGENO

PROFI PLUS

- combine top performance with a modern look
- provide a luminous efficiency of up to 133 lm/W
- the robust and well-made aluminium body
- adjustable wattage on selected models
- cost savings of up to 95% compared to halogen floodlights
- continuously dimmable
- 5 years warranty
- use: permanent illumination of indoor and outdoor areas

- power: 15 W
- luminous flux: 1 700 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 100–240 V
- IP rating: IP65
- beam angle: 120 × 90°
- dimensions: 112 × 86 × 45 mm

- supply cable length: 1 m
- lead-in cable material: rubber
- lead-in cable type: H05RN-F
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box

**ZS2412**

1/-/-/10

15 31 241 200

ZS2412

- power: 30 W
- luminous flux: 3 500 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 100–240 V
- IP rating: IP65
- beam angle: 120 × 90°
- dimensions: 173 × 130 × 50 mm

- supply cable length: 1 m
- lead-in cable material: rubber
- lead-in cable type: H05RN-F
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box

**ZS2422**

1/-/-/10

15 31 242 200

ZS2422

- power: 50 W
- luminous flux: 5 700 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 100–240 V
- IP rating: IP65
- beam angle: 120 × 90°
- dimensions: 221 × 156 × 52 mm

- supply cable length: 1 m
- lead-in cable material: rubber
- lead-in cable type: H05RN-F
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box

**ZS2432**

1/-/-/6

15 31 243 200

ZS2432

- power: 100 W
- luminous flux: 13 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 100–240 V
- IP rating: IP65
- beam angle: 120 × 90°
- dimensions: 321 × 280 × 85 mm
- supply cable length: 1 m
- lead-in cable material: rubber
- lead-in cable type: H05RN-F
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS2452 1/-/-/1
15 31 245 200 ZS2452

- power: 150 W
- luminous flux: 20 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 100–240 V
- IP rating: IP65
- beam angle: 120 × 90°
- dimensions: 321 × 280 × 85 mm
- supply cable length: 1 m
- lead-in cable material: rubber
- lead-in cable type: H05RN-F
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS2462 1/-/-/1
15 31 246 200 ZS2462

- power: 300 W
- luminous flux: 40 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 100–240 V
- IP rating: IP65
- beam angle: 120 × 90°
- dimensions: 321 × 465 × 95 mm
- supply cable length: 1 m
- lead-in cable material: rubber
- lead-in cable type: H05RN-F
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS2472 1/-/-/1
15 31 247 200 ZS2472

ASIMO

PROFI PLUS

- the durable aluminium body
- provide a luminous efficiency of up to 110 lm/W
- ready to work in extreme weather conditions
- cost savings of up to 70% compared to halogen floodlights
- extremely robust body suitable for harsh environments
- optimised shape and width of the light cone
- 5 years warranty
- use: permanent illumination of indoor and outdoor areas

- power: 50 W
- luminous flux: 5 500 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP66
- beam angle: 55 × 125°
- dimensions: 190 × 200 × 55 mm
- supply cable length: 1 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS1050A 1/-/-/1
15 31 105 000 ZS1050A

- power: 50 W
- luminous flux: 5 500 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP66
- beam angle: 26 × 60°
- dimensions: 190 × 200 × 55 mm
- supply cable length: 1 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS1050B

1/-/-/1

15 31 105 001

ZS1050B

- power: 50 W
- luminous flux: 5 500 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP66
- beam angle: 60°
- dimensions: 190 × 200 × 55 mm
- supply cable length: 1 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS1050N

1/-/-/1

15 31 105 002

ZS1050N

- power: 100 W
- luminous flux: 11 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP66
- beam angle: 55 × 125°
- dimensions: 230 × 240 × 61 mm
- supply cable length: 1 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS1100A

1/-/-/1

15 31 110 000

ZS1100A

- power: 100 W
- luminous flux: 11 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP66
- beam angle: 26 × 60°
- dimensions: 230 × 240 × 61 mm
- supply cable length: 1 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS1100B

1/-/-/1

15 31 110 001

ZS1100B

- power: 100 W
- luminous flux: 11 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP66
- beam angle: 60°
- dimensions: 230 × 240 × 61 mm
- supply cable length: 1 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS1100N

1/-/-/1

15 31 110 002

ZS1100N

- power: 200 W
- luminous flux: 22 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP66
- beam angle: 55 × 125°
- dimensions: 300 × 305 × 70 mm

- supply cable length: 1 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS1200A 1/-/-/1
15 31 120 000 ZS1200A

- power: 200 W
- luminous flux: 22 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP66
- beam angle: 26 × 60°
- dimensions: 300 × 305 × 70 mm

- supply cable length: 1 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS1200B 1/-/-/1
15 31 120 001 ZS1200B

- power: 200 W
- luminous flux: 22 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP66
- beam angle: 60°
- dimensions: 300 × 305 × 70 mm

- supply cable length: 1 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS1200N 1/-/-/1
15 31 120 002 ZS1200N

- power: 300 W
- luminous flux: 33 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP66
- beam angle: 55 × 125°
- dimensions: 363 × 370 × 80 mm

- supply cable length: 1 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS1300A 1/-/-/1
15 31 130 000 ZS1300A

- power: 300 W
- luminous flux: 33 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP66
- beam angle: 26 × 60°
- dimensions: 363 × 370 × 80 mm

- supply cable length: 1 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS1300B 1/-/-/1
15 31 130 001 ZS1300B

- power: 300 W
- luminous flux: 33 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP66
- beam angle: 60°
- dimensions: 363 × 370 × 80 mm
- supply cable length: 1 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS1300N 1/-/-1
15 31 130 002 ZS1300N

Luminaires

Floodlights

PROFI

INOVO

PROFI

- cost savings of up to 95% compared to halogen spotlights
- professional workmanship for the most demanding conditions
- easy cable connection using the cable connector (included)
- motion sensor with dimming and run time adjustment
- 5 years warranty
- use: permanent illumination of indoor and outdoor areas

- power: 10 W
- luminous flux: 1 100 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 95 × 70 × 27 mm
- supply cable length: 30 cm
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK07
- packaging: 1 pc, box



ZS2612 1/-/-30
15 31 242 612 ZS2612

- power: 20 W
- luminous flux: 2 200 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 135 × 95 × 28 mm
- supply cable length: 30 cm
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK07
- packaging: 1 pc, box



ZS2622 1/-/-20
15 31 242 622 ZS2622

- power: 30 W
- luminous flux: 3 300 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 160 × 110 × 28 mm
- supply cable length: 30 cm
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK07
- packaging: 1 pc, box



ZS2632 1/-/-10
15 31 242 632 ZS2632

- power: 50 W
- luminous flux: 5 500 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 200 × 145 × 28 mm
- supply cable length: 30 cm
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK07
- packaging: 1 pc, box



ZS2642 1/-/-10
15 31 242 642 ZS2642

- power: 100 W
- luminous flux: 11 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 300 × 220 × 42 mm
- supply cable length: 30 cm
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS2652 1/-/-5
15 31 242 652 ZS2652

- power: 150 W
- luminous flux: 16 500 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 335 × 270 × 43 mm
- supply cable length: 30 cm
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS2662 1/-/-3
15 31 242 662 ZS2662

- power: 200 W
- luminous flux: 22 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 390 × 300 × 49 mm
- supply cable length: 30 cm
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS2672 1/-/-2
15 31 242 672 ZS2672

- power: 10 W
- luminous flux: 1 100 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 95 × 70 × 27 mm

- supply cable length: 30 cm
- detection range of PIR Sensor: 10 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK06
- packaging: 1 pc, box



ZS2712
15 31 242 712

1/-/-/20
ZS2712



- power: 20 W
- luminous flux: 2 200 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 135 × 95 × 28 mm

- supply cable length: 30 cm
- detection range of PIR Sensor: 10 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK06
- packaging: 1 pc, box



ZS2722
15 31 242 722

1/-/-/20
ZS2722



- power: 30 W
- luminous flux: 3 300 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 160 × 110 × 28 mm

- supply cable length: 30 cm
- detection range of PIR Sensor: 10 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK06
- packaging: 1 pc, box



ZS2732
15 31 242 732

1/-/-/10
ZS2732



- power: 50 W
- luminous flux: 5 500 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 200 × 145 × 28 mm

- supply cable length: 30 cm
- detection range of PIR Sensor: 10 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK06
- packaging: 1 pc, box



ZS2742
15 31 242 742

1/-/-/10
ZS2742



Luminaires

Floodlights

CLASSIC

ILIO

CLASSIC

- unique design with a milky PC diffuser
- cost savings of up to 90% compared to halogen spotlights
- IP65 protection guarantees water resistance
- easy cable connection to the terminal block
- bevelled bracket allows easy installation on the wall
- 3 years warranty
- use: facades, private and public spaces, sales stands

- power: 10,5 W
- luminous flux: 950 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 114 × 99 × 51 mm

- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS2510

1/-/-20

15 31 252 510

ZS2510



- power: 21 W
- luminous flux: 1 900 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 147 × 123 × 55 mm

- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS2520

1/-/-20

15 31 252 520

ZS2520



- power: 31 W
- luminous flux: 2 800 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 178 × 148 × 55 mm

- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS2530

1/-/-12

15 31 252 530

ZS2530



- power: 51 W
- luminous flux: 4 600 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 208 × 170 × 55 mm

- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS2540 1/-/-10
15 31 252 540 ZS2540

- power: 10,5 W
- luminous flux: 950 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP44
- beam angle: 120°
- dimensions: 114 × 162 × 75 mm

- detection range of PIR Sensor: 10 m
- body material: aluminum
- mechanical impact protection: IK06
- packaging: 1 pc, box



ZS2910 1/-/-18
15 31 252 910 ZS2910

- power: 21 W
- luminous flux: 1 900 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP44
- beam angle: 120°
- dimensions: 147 × 175 × 75 mm

- detection range of PIR Sensor: 10 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK06
- packaging: 1 pc, box



ZS2920 1/-/-12
15 31 252 920 ZS2920

- power: 31 W
- luminous flux: 2 800 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP44
- beam angle: 120°
- dimensions: 178 × 201 × 75 mm

- detection range of PIR Sensor: 10 m
- body material: aluminum
- mechanical impact protection: IK06
- packaging: 1 pc, box



ZS2930 1/-/-10
15 31 252 930 ZS2930

- power: 50 W
- luminous flux: 4 000 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP44
- beam angle: 120°
- dimensions: 208 × 223 × 75 mm

- detection range of PIR Sensor: 10 m
- body material: aluminum
- mechanical impact protection: IK06
- packaging: 1 pc, box



ZS2940 1/-/-5
15 31 252 940 ZS2940

TAMBO

CLASSIC

- aluminium with a milky PC diffuser for a pleasantly light
- cost savings of up to 90% compared to halogen spotlights
- IP65 protection guarantees water resistance
- ultra-thin design
- bevelled bracket allows easy installation on the wall
- 3 years warranty
- use: commercial, private buildings and ambient environment

- power: 10,5 W
- luminous flux: 800 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 105 × 102 × 55 mm
- supply cable length: 30 cm
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS2511 1/-/-14
15 31 242 511 ZS2511

- power: 20 W
- luminous flux: 1 600 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 135 × 101 × 55 mm
- supply cable length: 30 cm
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS2521 1/-/-12
15 31 242 521 ZS2521

- power: 30.5 W
- luminous flux: 2 600 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 165 × 114 × 55 mm
- supply cable length: 30 cm
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS2531 1/-/-10
15 31 242 531 ZS2531

- power: 51 W
- luminous flux: 4 300 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 210 × 142 × 55 mm
- supply cable length: 30 cm
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS2541 1/-/-7
15 31 242 541 ZS2541

- power: 10,5 W
- luminous flux: 800 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP54
- beam angle: 120°
- dimensions: 105 × 143 × 64 mm

- supply cable length: 30 cm
- detection range of PIR Sensor: 10 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK06
- packaging: 1 pc, box



ZS2911 1/-/-/14
15 31 242 911 ZS2911

- power: 20 W
- luminous flux: 1 600 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP54
- beam angle: 120°
- dimensions: 135 × 165 × 64 mm

- supply cable length: 30 cm
- detection range of PIR Sensor: 10 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK06
- packaging: 1 pc, box



ZS2921 1/-/-/12
15 31 242 921 ZS2921

- power: 30.5 W
- luminous flux: 2 600 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP54
- beam angle: 120°
- dimensions: 165 × 185 × 64 mm

- supply cable length: 30 cm
- detection range of PIR Sensor: 10 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK06
- packaging: 1 pc, box



ZS2931 1/-/-/10
15 31 242 931 ZS2931

- power: 51 W
- luminous flux: 4 300 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP54
- beam angle: 120°
- dimensions: 210 × 217 × 64 mm

- supply cable length: 30 cm
- detection range of PIR Sensor: 10 m
- lead-in cable material: rubber
- body material: aluminum
- mechanical impact protection: IK06
- packaging: 1 pc, box



ZS2941 1/-/-/7
15 31 242 941 ZS2941

Luminaires

Floodlights

ESSENTIAL

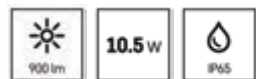
SIMPO

ESSENTIAL

- motion sensor allows to set the daylight sensor and duration
- cost savings of up to 90% compared to halogen spotlights
- IP44 protection ensures water resistance
- ultra-thin design
- bevelled bracket allows easy installation on the wall
- 3 years warranty
- use: private objects and surrounding environment

- power: 10,5 W
- luminous flux: 900 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP65
- beam angle: 110°
- dimensions: 90 × 24 × 78 mm

- supply cable length: 20 cm
- lead-in cable material: rubber
- lead-in cable type: H05RN-F
- body material: aluminum
- packaging: 1 pc, box



ZS2212 1/-/-/30
15 31 221 200 ZS2212

- power: 20,5 W
- luminous flux: 1 800 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP65
- beam angle: 110°
- dimensions: 108 × 26 × 96 mm

- supply cable length: 20 cm
- lead-in cable material: rubber
- lead-in cable type: H05RN-F
- body material: aluminum
- packaging: 1 pc, box



ZS2222 1/-/-/30
15 31 222 200 ZS2222

- power: 30 W
- luminous flux: 2 700 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220-240 V~
- IP rating: IP65
- beam angle: 110°
- dimensions: 143 × 28 × 114 mm

- supply cable length: 20 cm
- lead-in cable material: rubber
- lead-in cable type: H05RN-F
- body material: aluminum
- packaging: 1 pc, box



ZS2232 1/-/-/20
15 31 223 200 ZS2232

- power: 50 W
- luminous flux: 4 500 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP65
- beam angle: 110°
- dimensions: 183 × 28 × 145 mm



- supply cable length: 20 cm
- lead-in cable material: rubber
- lead-in cable type: H05RN-F
- body material: aluminum
- packaging: 1 pc, box



ZS2242 1/-/-/20
15 31 224 200 ZS2242

- power: 10,5 W
- luminous flux: 900 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP44
- beam angle: 110°
- dimensions: 108 × 49 × 166 mm



- supply cable length: 20 cm
- detection range of PIR Sensor: 8 m
- lead-in cable material: rubber
- lead-in cable type: H05RN-F
- body material: aluminum
- packaging: 1 pc, box



ZS2312 1/-/-/15
15 31 231 200 ZS2312

- power: 20.5 W
- luminous flux: 1 800 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP44
- beam angle: 110°
- dimensions: 108 × 49 × 166 mm



- supply cable length: 20 cm
- detection range of PIR Sensor: 8 m
- lead-in cable material: rubber
- lead-in cable type: H05RN-F
- body material: aluminum
- packaging: 1 pc, box



ZS2322 1/-/-/15
15 31 232 200 ZS2322

- power: 30 W
- luminous flux: 2 700 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP44
- beam angle: 110°
- dimensions: 143 × 51 × 190 mm



- supply cable length: 20 cm
- detection range of PIR Sensor: 8 m
- lead-in cable material: rubber
- lead-in cable type: H05RN-F
- body material: aluminum
- packaging: 1 pc, box



ZS2332 1/-/-/10
15 31 233 200 ZS2332

- power: 50 W
- luminous flux: 4 500 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP44
- beam angle: 110°
- dimensions: 183 × 51 × 218 mm



- supply cable length: 20 cm
- detection range of PIR Sensor: 8 m
- lead-in cable material: rubber
- lead-in cable type: H05RN-F
- body material: aluminum
- packaging: 1 pc, box



ZS2342 1/-/-/10
15 31 234 200 ZS2342

Halogen

ESSENTIAL

- aluminium body and glass diffuser
- IP44 enclosure – suitable for indoor and outdoor use

- power: 150 W
- color temperature: 2 700 K
- light color: warm white
- color rendering index (CRI): Ra = 99
- voltage: 230 V
- IP rating: IP44
- dimensions: 185 × 170 × 185 mm
- body material: aluminum
- mechanical impact protection: IK08

▪ packaging: 1 pc, box



8 595025 339812

G3101

1/-/-/6

14 44 150 023

G3101

Luminaires

Floodlights

Accessories

- water resistant connector for connection of 2 three-wire cables
- steel folding tripod as a stand for 2 floodlights
- high enclosure rating of IP68, silicone sealing
- height: 66–180 cm, load capacity max. 4 kg

- voltage: 250 V
- IP rating: IP68
- dimensions: 26 × 70 mm in diameter
- body material: plastic (PA66)
- mechanical impact protection: IK08
- packaging: 1 pc, packet



8 592920 031919

ZS9010

1/-/10/90

15 31 900 010

ZS9010

- voltage: 250 V
- IP rating: IP68
- dimensions: 26 × 90 mm in diameter
- body material: plastic (PA66)
- mechanical impact protection: IK08
- packaging: 1 pc, packet



ZS9020	1/-/10/90
15 31 900 020	ZS9020

- voltage: 250 V
- IP rating: IP68
- dimensions: 26 × 90 × 62 mm
- body material: plastic (PA66)
- mechanical impact protection: IK08
- packaging: 1 pc, packet



ZS9030	1/-/10/80
15 31 900 030	ZS9030

- dimensions: 140 × 120 × 630 mm
- body material: steel
- packaging: 1 pc, box



ZS9510	1/-/-/4
15 31 950 010	ZS9510

Luminaires

Work Lights

CLASSIC

ILIO

CLASSIC

- mains powered, suitable for indoor and outdoor use
- robust shockproof and waterproof construction
- wide area illumination angle of 110°
- shockproof and waterproof thanks to IP44 and IK10 protection
- handle and folding design allowing easy reflector transport
- a 3-year warranty
- usage: constructions, houses, garages, workshops, etc.

- power: 21 W
- luminous flux: 1 900 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP44
- beam angle: 110°
- dimensions: 215 × 185 × 250 mm

- supply cable length: 1.5 m
- lead-in cable material: rubber
- lead-in cable type: H07RN-F
- body material: aluminum
- mechanical impact protection: IK10
- packaging: 1 pc, box



ZS3322 1/-/-/6
15 42 033 220 ZS3322

- power: 31 W
- luminous flux: 2 800 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP44
- beam angle: 110°
- dimensions: 240 × 185 × 275 mm

- supply cable length: 1.5 m
- lead-in cable material: rubber
- lead-in cable type: H07RN-F
- body material: aluminum
- mechanical impact protection: IK10
- packaging: 1 pc, box



ZS3332 1/-/-/4
15 42 033 320 ZS3332

- power: 51 W
- luminous flux: 4 600 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP44
- beam angle: 110°
- dimensions: 270 × 185 × 275 mm

- supply cable length: 1.5 m
- lead-in cable material: rubber
- lead-in cable type: H07RN-F
- body material: aluminum
- mechanical impact protection: IK10
- packaging: 1 pc, box



ZS3342 1/-/-/4
15 42 033 420 ZS3342

HOBBY SLIM

CLASSIC

- higher coverage for indoor and outdoor lighting
- steel folding tripod
- resistant to low outdoor temperatures or water droplets
- adjustable direction of light wherever needed
- adjustable up to 66–185 cm height
- IP65 protection guarantees water resistance
- usage: constructions, houses, garages, workshops, etc.

- power: 2× 20,5 W
- luminous flux: 2× 1 600 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 860 × 860 × 1 850 mm

- supply cable length: 3 m
- lead-in cable material: rubber
- lead-in cable type: H07RN-F
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS2221.2

1/-/-/2

15 31 222 120

ZS2221.2

- power: 2× 30 W
- luminous flux: 2× 2 400 lm
- color temperature: 4 000 K
- light color: neutral white
- color rendering index (CRI): Ra > 80
- voltage: 220–240 V~
- IP rating: IP65
- beam angle: 120°
- dimensions: 860 × 860 × 1 850 mm

- supply cable length: 3 m
- lead-in cable material: rubber
- lead-in cable type: H07RN-F
- body material: aluminum
- mechanical impact protection: IK08
- packaging: 1 pc, box



ZS2231.2

1/-/-/2

15 31 223 120

ZS2231.2

ACCO

CLASSIC

- floodlights with accumulators offer maximum variability
- robust design suitable for working in hostile environments
- no need for a present power source
- folding stand for easy transport and storage
- IP54 coverage ensures water resistance
- 120° lighting angle
- a 3-year warranty
- usage: constructions, garages, workshops, camping, etc.

- power: 10 W
- luminous flux: 1 000 lm
- color temperature: 6 500 K
- light color: cool white
- color rendering index (CRI): Ra > 80
- voltage: 5 V DC 220–240 V AC
- IP rating: IP54
- beam angle: 120°
- dimensions: 212 × 177 × 224 mm

- battery: Li-Ion 4 400 mAh
- AKU lighting time: 3 – 10 hours
- body material: aluminum
- packaging: 1 pc, box



ZS2812

1/-/-/5

15 31 281 200

ZS2812

- power: 20 W
- luminous flux: 2 000 lm
- color temperature: 6 500 K
- light color: cool white
- color rendering index (CRI): Ra > 80
- voltage: 5 V DC 220–240 V AC
- IP rating: IP54
- beam angle: 120°
- dimensions: 266 × 220 × 273 mm
- battery: Li-Ion 6 600 mAh
- AKU lighting time: 3 – 10 hours
- body material: aluminum
- packaging: 1 pc, box



ZS2822

1/-/-/4

15 31 282 200

ZS2822

- power: 30 W
- luminous flux: 3 000 lm
- color temperature: 6 500 K
- light color: cool white
- color rendering index (CRI): Ra > 80
- voltage: 5 V DC 220–240 V AC
- IP rating: IP54
- beam angle: 120°
- dimensions: 292 × 219 × 273 mm
- battery: Li-Ion 10 000 mAh
- AKU lighting time: 3 – 10 hours
- body material: aluminum
- packaging: 1 pc, box



ZS2832

1/-/-/2

15 31 283 200

ZS2832

Luminaires

Linear Luminaires

PROFI PLUS

ORTO

PROFI PLUS

- modern luminaires are made of high-quality aluminium profile
- they can be combined into different shapes
- ready for continuous installation in linear wiring
- possibility of mounted, built-in or hanging installation
- 5 years warranty
- use: office lighting, sales areas, interior spaces

- power: 8 W
- luminous flux: 800 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 110°
- type of mounting: surface/recessed
- dimensions: 151 × 151 × 58 mm
- body colour: white
- line: ORTO
- warranty period: 5 years
- UGR<: 22



ZALL

1/-/-/12

15 43 081 000

ZALL

- power: 12 W
- luminous flux: 1 200 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 110°
- type of mounting: surface/recessed
- dimensions: 252 × 151 × 58 mm
- body colour: white

- line: ORTO
- warranty period: 5 years
- UGR<: 22



ZALT
15 43 121 000

1/-/-8
ZALT

- power: 15 W
- luminous flux: 1 500 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 110°
- type of mounting: surface/recessed
- dimensions: 252 × 252 × 58 mm
- body colour: white

- line: ORTO
- warranty period: 5 years
- UGR<: 22



ZALX
15 43 151 000

1/-/-6
ZALX

- power: 19 W
- luminous flux: 2 000 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 110°
- type of mounting: surface/recessed
- dimensions: 600 × 49 × 58 mm
- body colour: white

- line: ORTO
- warranty period: 5 years
- UGR<: 22



ZAL192
15 43 191 000

1/-/-6
ZAL192

- power: 38 W
- luminous flux: 4 200 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 110°
- type of mounting: surface/recessed
- dimensions: 1 200 × 49 × 58 mm
- body colour: white

- line: ORTO
- warranty period: 5 years
- UGR<: 22



ZAL382
15 43 381 000

1/-/-6
ZAL382

- product: set of ropes
- dimensions: 150 cm (cable length)
- designed for: linear luminaires
- packaging: 1 ks, box



ZALAP
15 43 999 000

1/-/-100
ZALAP

- product: set of hooks
- designed for: linear luminaires
- packaging: 1 ks, box

**ZALAR**

1/-/-/36

15 43 999 001

ZALAR

- product: power supply box
- material: metal
- designed for: linear luminaires

**ZALAS**

1/-/-/24

15 43 999 002

ZALAS

Luminaires

LED Panels

PROFI PLUS

PROXO

PROFI PLUS

- the square or rectangular series are an effective option
- high colour rendering index models
- high efficiency and energy saving
- resistance to yellowing due to UV radiation
- 5 years warranty
- use: offices, classrooms and indoor areas

- power: 40 W
- replacement of incandescent bulb: 4× 18 W CFL
- luminous flux: 3 700 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 95
- beam angle: 90°
- type of mounting: recessed
- dimensions: 595 × 595 × 10 mm

- body colour: white
- line: PROXO
- warranty period: 5 years
- UGR<: 19

**ZR1433**

1/-/-/5

15 44 104 032

ZR1433



- power: 40 W
- replacement of incandescent bulb: 4× 18 W CFL
- luminous flux: 4 000 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 90°
- type of mounting: recessed
- dimensions: 595 × 595 × 10.4 mm
- body colour: white
- line: PROXO
- warranty period: 5 years
- UGR<: 19



ZR1422 1/-/-/4
15 41 402 200 ZR1422

- power: 40 W
- replacement of incandescent bulb: 4× 18 W CFL
- luminous flux: 4 240 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 595 × 595 × 10.4 mm
- body colour: white
- line: PROXO
- warranty period: 5 years
- UGR<: 22



ZR1412 1/-/-/4
15 41 401 210 ZR1412

- power: 40 W
- replacement of incandescent bulb: 2× 36 W CFL
- luminous flux: 4 000 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 90°
- type of mounting: recessed
- dimensions: 1 195 × 295 × 11.4 mm
- body colour: white
- line: PROXO
- warranty period: 5 years
- UGR<: 19



ZR3422 1/-/-/4
15 41 402 210 ZR3422

- power: 40 W
- replacement of incandescent bulb: 2× 36 W CFL
- luminous flux: 4 240 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 295 × 1 195 × 11.4 mm
- body colour: white
- line: PROXO
- warranty period: 5 years
- UGR<: 22



ZR3412 1/-/-/4
15 41 401 200 ZR3412

- power: 19 W
- replacement of incandescent bulb: 2× 18 W CFL
- luminous flux: 1 800 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 595 × 295 × 10.4 mm
- body colour: white
- line: PROXO
- warranty period: 5 years
- UGR<: 22



ZR2212 1/-/-/8
15 41 181 200 ZR2212

PIXXO

PROFI PLUS

- square-shaped luminaire is for indoor lighting
- IP65 protection guarantees water resistance
- resistance of the light-conducting plate against yellowing due to U
- 5 years warranty
- use: offices, classrooms and indoor areas

- power: 48 W
- replacement of incandescent bulb: 4× 18 W CFL
- luminous flux: 4 800 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 595 × 595 × 10 mm
- body colour: white
- line: PROXO
- warranty period: 5 years
- UGR<: 22



ZR1532 1/-/-/4
15 44 104 820 ZR1532

LEXXO

PROFI PLUS

- modern energy-saving luminaires use backlit technology
- more uniform light emission and higher luminous efficiency
- outstanding performance and lighting quality – CRI > 80
- pleasant diffused light with a beam angle of 90°/120°
- 5 years warranty
- use: offices, classrooms and indoor areas

- power: 34 W
- replacement of incandescent bulb: 4× 18 W CFL
- luminous flux: 4 000 lm
- color temperature: 4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 90°
- type of mounting: recessed
- dimensions: 595 × 595 × 30 mm
- body colour: white
- line: LEXXO
- warranty period: 5 years
- UGR<: 19



ZR1622 1/-/-/4
15 44 103 421 ZR1622

- power: 34 W
- replacement of incandescent bulb: 4× 18 W CFL
- luminous flux: 4 200 lm
- color temperature: 4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 595 × 595 × 30 mm
- body colour: white
- line: LEXXO
- warranty period: 5 years
- UGR<: 22



ZR1612 1/-/-/4
15 44 103 420 ZR1612

- power: 34 W
- replacement of incandescent bulb: 4x 18 W CFL
- luminous flux: 4 200 lm
- color temperature: 4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 595 × 595 × 30 mm
- body colour: white
- line: LEXXO
- warranty period: 5 years
- UGR<: 22



ZR1642
15 44 103 428

1/-/-/4
ZR1642

- product: frame for surface installation
- dimensions: 600 × 600 × 70 mm
- material: aluminum
- designed for: Backlit panel 60 × 60
- color: white
- packaging: 1 ks, box



ZR9036
15 44 100 000

1/-/-/20
ZR9036

TROXO

PROFI PLUS

- TROXO LED panels combine an attractive square design
- high luminous efficiency and energy savings
- pleasant diffused light with a very low glare index
- illuminates the room with enough intensity at an angle of 85°
- does not dazzle the surroundings with a wide beam angle
- 5 years warranty
- use: corridors, offices, classrooms, department stores

- power: 27 W
- replacement of incandescent bulb: 4x 18 W CFL
- luminous flux: 3 150 lm
- color temperature: 4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 85°
- type of mounting: recessed
- dimensions: 595 × 595 × 23.2 mm
- body colour: white
- line: TROXO
- warranty period: 5 years
- UGR<: 16



ZR1722
15 44 212 730

1/-/-/4
ZR1722

- power: 36 W
- replacement of incandescent bulb: 4x 18 W CFL
- luminous flux: 4 240 lm
- color temperature: 4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 70°
- type of mounting: recessed
- dimensions: 595 × 595 × 23.2 mm
- body colour: white
- line: TROXO
- warranty period: 5 years
- UGR<: 16



ZR1723
15 44 213 630

1/-/-/4
ZR1723

Luminaires

LED Panels

EXCLUSIVE

RIVI

EXCLUSIVE

- can be dimmed progressively by remote control
- ability to create and easily control groups of panels
- four preset light scenes
- 3 years warranty
- use: interiors in homes, offices or hotels

- power: 36 W
- replacement of incandescent bulb: 4× 18 W CFL
- luminous flux: 3 600 lm
- color temperature: 2 700–6 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 90°
- type of mounting: recessed
- dimensions: 595 × 595 × 10 mm
- dimming function
- body colour: white
- line: RIVI
- warranty period: 3 years
- UGR<: 19



ZR5410

1/-/-/4

15 44 213 670

ZR5410

Luminaires

LED Panels

PROFI

MAXXO

PROFI

- the square and rectangular for lighting office spaces
- high efficiency and energy saving
- pleasantly diffused light
- option to purchase a remote control for the ZR5410
- 3 years warranty
- use: offices, classrooms and indoor areas

- power: 40 W
- replacement of incandescent bulb: 4× 18 W CFL
- luminous flux: 4 400 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 90°
- type of mounting: recessed
- dimensions: 595 × 595 × 10 mm

- body colour: white
- line: MAXXO
- warranty period: 3 years
- UGR<: 19

**ZR5422**

1/-/-/5

15 44 104 021

ZR5422

- power: 40 W
- replacement of incandescent bulb: 4× 18 W CFL
- luminous flux: 4 090 lm
- color temperature: 3 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 90°
- type of mounting: recessed
- dimensions: 595 × 595 × 10 mm

- body colour: white
- line: MAXXO
- warranty period: 3 years
- UGR<: 19

**ZR5421**

1/-/-/5

15 44 104 010

ZR5421

- power: 40 W
- replacement of incandescent bulb: 4× 18 W CFL
- luminous flux: 4 400 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 595 × 595 × 10 mm

- body colour: white
- line: MAXXO
- warranty period: 3 years
- UGR<: 22

**ZR5412**

1/-/-/5

15 44 104 020

ZR5412

- power: 40 W
- replacement of incandescent bulb: 2× 36 W CFL
- luminous flux: 4 400 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 1 195 × 295 × 10 mm
- body colour: white
- line: MAXXO
- warranty period: 3 years
- UGR<: 22



ZR8412 1/-/-/5
15 44 204 021 ZR8412

- power: 40 W
- replacement of incandescent bulb: 4× 18 W CFL
- luminous flux: 4 400 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 595 × 595 × 10 mm
- body colour: white
- line: MAXXO
- warranty period: 3 years
- UGR<: 22



ZR5412.2 2/-/-/8
15 44 104 047 ZR5412.2

REXXO

PROFI

- modern energy-saving luminaires use backlit technology
- more uniform light emission and higher luminous efficiency
- outstanding performance and lighting quality – CRI ≥ 80
- pleasantly diffused light
- 3 years warranty
- use: offices, classrooms and indoor areas

- power: 40 W
- replacement of incandescent bulb: 4× 18 W CFL
- luminous flux: 4 000 lm
- color temperature: 4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 595 × 595 × 30 mm
- body colour: white
- line: REXXO
- warranty period: 3 years
- UGR<: 22



ZR7612M 1/-/-/5
15 44 140 210 ZR7612M

Luminaires

LED Panels

ESSENTIAL

DAXXO

ESSENTIAL

- more uniform light emission and higher luminous efficiency
- outstanding performance and lighting quality – CRI \geq 80
- pleasantly diffused light
- use: offices, classrooms and indoor areas

- power: 36 W
- replacement of incandescent bulb: 4x 18 W CFL
- luminous flux: 3 600 lm
- color temperature: 4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 595 × 595 × 30 mm

- body colour: white
- warranty period: 2 years
- UGR<: 22



8 592920 119914

ZB2414

15 44 103 621

1/-/-/6

ZB2414

Luminaires

LED Panels

Accessories

ZR9001

1/-/-100

15 42 009 001

ZR9001



product: spring set • material: metal • designed for: LED panel 60 × 60 (30) •
packaging: 4 ks, packet

ZR9002

1/-/-100

15 42 009 002

ZR9002



product: spring set • material: metal • designed for: LED panel 30 × 120 • packaging: 6
ks, packet

ZR9010

1/-/-100

15 42 009 010

ZR9010



product: set of hooks • material: metal • designed for: LED panel 60 × 60 (30) •
packaging: 4 ks, packet

ZR9011

1/-/-100

15 42 009 011

ZR9011



product: set of hooks • material: metal • designed for: LED panel 30 × 120 •
packaging: 6 ks, packet

ZR9020

1/-/-100

15 42 009 020

ZR9020



product: set of ropes • dimensions: 5 – 145 cm (cable length) • material: metal •
designed for: LED panel 60 × 60 (30) • packaging: 4 ks, packet

ZR9021



1/-/-100



15 42 009 021



ZR9021





product: set of ropes • dimensions: 5 – 145 cm (cable length) • material: metal •
designed for: LED panel 30 × 120 • packaging: 6 ks, packet

ZR9034	1/-/-/20	
15 42 009 034	ZR9034	
		
product: frame for surface installation = dimensions: 600 × 600 × 45 mm = material: aluminum = designed for: LED panel 60 × 60 = color: white = packaging: 1 ks, box		

ZR9035	1/-/-/15	
15 42 009 035	ZR9035	
		
product: frame for surface installation = dimensions: 1 200 × 300 × 45 mm = material: aluminum = designed for: LED panel 30 × 120 = color: white = packaging: 1 ks, box		

ZR9036	1/-/-/20	
15 44 100 000	ZR9036	
		
product: frame for surface installation = dimensions: 600 × 600 × 70 mm = material: aluminum = designed for: Backlit panel 60 × 60 = color: white = packaging: 1 ks, box		

ZR9041	1/-/-/100	
15 44 300 001	ZR9041	
		
product: remote controller for ZR5410 = designed for: Exclusive LED panels		

Luminaires

Drivers

- spare external drivers enabling dimming and controlling LED lights
- ensure optimal functioning, durability, energy efficiency and protection against damage to the LEDs
- 5 year warranty

- voltage input: 220–240 V AC
- frequency: 50/60 Hz
- output voltage: 25–40 V DC
- output current: 200–350 mA
- power: 14 W
- dimensions: 97 × 46 × 31 mm
- type: TRIAK
- warranty period: 5 years



ZZ1435T	1/-/-/50
15 60 014 350	ZZ1435T

- voltage input: 220–240 V AC
- frequency: 50/60 Hz
- output voltage: 25–40 V DC
- output current: 400–550 mA
- power: 20 W
- dimensions: 117 × 46 × 31 mm
- type: TRIAK
- warranty period: 5 years



ZZ2055T

1/-/-/50

15 60 020 550

ZZ2055T

- voltage input: 220–240 V AC
- frequency: 50/60 Hz
- output voltage: 25–40 V DC
- output current: 550–700 mA
- power: 28 W
- dimensions: 117 × 46 × 31 mm
- type: TRIAK
- warranty period: 5 years



ZZ3070T

1/-/-/50

15 60 030 700

ZZ3070T

- voltage input: 200–240 V AC
- frequency: 50/60 Hz
- output voltage: 6–42 V DC
- output current: 450–1 100 mA
- power: 40 W
- dimensions: 103 × 68 × 30 mm
- type: DALI 2.0, PUSH DIM
- warranty period: 5 years



ZZ409BD

1/-/-/48

15 60 040 900

ZZ409BD



Luminaires

Surface Luminaires

EXCLUSIVE

RIVI

EXCLUSIVE

- can be dimmed progressively by remote control
- ability to create and easily control groups of luminaires
- four preset light scenes
- 3 years warranty
- use: interiors in homes, offices or hotels.

- power: 40 W
- luminous flux: 380–3 800 lm
- color temperature: 2 700–6 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 115°
- type of mounting: surface
- dimensions: 595 × 595 × 52 mm
- dimming function

- body colour: white
- line: RIVI
- warranty period: 3 years
- UGR<: 22



ZM5173

1/-/-/4

15 44 103 603

ZM5173

- power: 25 W
- luminous flux: 210–2 100 lm
- color temperature: 2 700–6 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 115°
- type of mounting: surface
- dimensions: 295 × 595 × 52 mm
- dimming function

- body colour: white
- line: RIVI
- warranty period: 3 years
- UGR<: 22



ZM5172

1/-/-/4

15 44 102 400

ZM5172

- power: 20 W
- luminous flux: 140–1 400 lm
- color temperature: 2 700–6 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 115°
- type of mounting: surface
- dimensions: 295 × 295 × 52 mm
- dimming function

- body colour: white
- line: RIVI
- warranty period: 3 years
- UGR<: 22



ZM5171

1/-/-/3

15 44 101 800

ZM5171

IRVI

EXCLUSIVE

- elegant frameless luminaires
- easy operation by remote control
- ability to create and easily control groups of luminaires
- high colour rendering index
- four preset light scenes
- smooth dimming and light colour adjustment
- 3 years warranty
- use: interiors in homes, offices or hotels.

- power: 36 W
- luminous flux: 305–3 050 lm
- color temperature: 2 700–6 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 95
- beam angle: 115°
- type of mounting: surface
- dimensions: 595 × 595 × 61 mm
- dimming function
- body colour: white
- line: IRVI
- warranty period: 3 years
- UGR<: 22



ZM5183 1/-/-/3
15 44 103 604 ZM5183

- power: 18 W
- luminous flux: 125–1 250 lm
- color temperature: 2 700–6 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 95
- beam angle: 115°
- type of mounting: surface
- dimensions: 295 × 295 × 61 mm
- dimming function
- body colour: white
- line: IRVI
- warranty period: 3 years
- UGR<: 22



ZM5181 1/-/-/3
15 44 101 801 ZM5181

- power: 24 W
- luminous flux: 190–1 900 lm
- color temperature: 2 700–6 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 95
- beam angle: 115°
- type of mounting: surface
- dimensions: 295 × 595 × 61 mm
- dimming function
- body colour: white
- line: IRVI
- warranty period: 3 years
- UGR<: 22



ZM5182 1/-/-/4
15 44 102 401 ZM5182

ALVI

EXCLUSIVE

- rectangle and circular shape
- included frames in 2 colours for circular models
- very economical and durable LED diodes
- fluent dimming via remote control
- durable metal body and diffusers made of PMMA material
- light colour, timer and night light setting functions
- 3 years warranty
- use: interiors in households, offices or hotels

- power: 24 W
- replacement of incandescent bulb: 120 W
- luminous flux: 80–1 920 lm
- color temperature: 2 700–6 500 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 115°
- type of mounting: surface
- dimensions: 360 × 58 mm in diameter

- dimming function
- body colour: white
- line: ALVI
- warranty period: 3 years



ZM5165 1/-/-/5
15 39 084 002 ZM5165



- power: 36 W
- replacement of incandescent bulb: 170 W
- luminous flux: 140–2 880 lm
- color temperature: 2 700–6 500 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 115°
- type of mounting: surface
- dimensions: 500 × 60 mm in diameter

- dimming function
- body colour: white
- line: ALVI
- warranty period: 3 years



ZM5166 1/-/-/5
15 39 084 003 ZM5166



- power: 72 W
- replacement of incandescent bulb: 270 W
- luminous flux: 250–5 000 lm
- color temperature: 2 700–6 500 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 115°
- type of mounting: surface
- dimensions: 884 × 583 × 64 mm

- dimming function
- body colour: silver, white
- line: ALVI
- warranty period: 3 years



ZM5167 1/-/-/2
15 39 087 000 ZM5167



ILVI

EXCLUSIVE

- modern luminaires of premium quality in a circular shape
- very economical and durable LEDs
- fluent dimming via remote control
- timer function, night light and HALO effect
- 3 years warranty
- use: interiors in households, offices or hotels

- power: 30 W
- replacement of incandescent bulb: 115 W
- luminous flux: 180–1 800 lm
- color temperature: 2 700–6 500 K
- body material: plastic (PS) + steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 400 × 70 mm in diameter

- dimming function
- body colour: white
- line: ILVI
- warranty period: 3 years



ZM5168 1/-/-/1
15 39 094 300 ZM5168

- power: 45 W
- replacement of incandescent bulb: 160 W
- luminous flux: 270–2 700 lm
- color temperature: 2 700–6 500 K
- body material: plastic (PS) + steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 500 × 70 mm in diameter

- dimming function
- body colour: white
- line: ILVI
- warranty period: 3 years



ZM5169 1/-/-/5
15 39 094 450 ZM5169

Luminaires

Surface Luminaires

PROFI

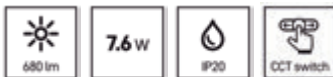
NEXXO

PROFI

- made of cast aluminium and acrylic glass
- suitable for surface mounting
- high-quality drivers LIFUD
- LGP - PMMA - pleasantly diffused light
- easy installation thanks to the installation console
- 3 years warranty
- use: interiors in homes, offices or hotels.

- power: 7.6 W
- replacement of incandescent bulb: 50 W
- luminous flux: 680 lm
- color temperature: 3 000/3 500/4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 120 × 40 mm in diameter

- body colour: white
- line: NEXXO
- warranty period: 3 years



ZM5123 1/-/-/8
15 39 087 070 ZM5123

- power: 12.5 W
- replacement of incandescent bulb: 75 W
- luminous flux: 1 100 lm
- color temperature: 3 000/3 500/4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 170 × 42 mm in diameter

- body colour: white
- line: NEXXO
- warranty period: 3 years



ZM5133 1/-/-/8
15 39 087 120 ZM5133

- power: 21 W
- replacement of incandescent bulb: 120 W
- luminous flux: 1 900 lm
- color temperature: 3 000/3 500/4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 225 × 42 mm in diameter

- body colour: white
- line: NEXXO
- warranty period: 3 years



ZM5143 1/-/-/8
15 39 087 210 ZM5143

- power: 28.5 W
- replacement of incandescent bulb: 160 W
- luminous flux: 2 700 lm
- color temperature: 3 000/3 500/4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 300 × 42 mm in diameter

- body colour: white
- line: NEXXO
- warranty period: 3 years



ZM5153
15 39 087 280

1/-/-/4
ZM5153

- power: 12.5 W
- replacement of incandescent bulb: 75 W
- luminous flux: 1 100 lm
- color temperature: 3 000/3 500/4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 170 × 42 mm in diameter

- body colour: brushed nickel
- line: NEXXO
- warranty period: 3 years



ZM5233
15 39 087 121

1/-/-/8
ZM5233

- power: 21 W
- replacement of incandescent bulb: 120 W
- luminous flux: 1 900 lm
- color temperature: 3 000/3 500/4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 225 × 42 mm in diameter

- body colour: brushed nickel
- line: NEXXO
- warranty period: 3 years



ZM5243
15 39 087 211

1/-/-/8
ZM5243

- power: 28.5 W
- replacement of incandescent bulb: 160 W
- luminous flux: 2 700 lm
- color temperature: 3 000/3 500/4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 300 × 42 mm in diameter

- body colour: brushed nickel
- line: NEXXO
- warranty period: 3 years



ZM5253
15 39 087 281

1/-/-/4
ZM5253

- power: 12.5 W
- replacement of incandescent bulb: 75 W
- luminous flux: 1 100 lm
- color temperature: 3 000/3 500/4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 170 × 42 mm in diameter

- body colour: black
- line: NEXXO
- warranty period: 3 years



ZM5333
15 39 087 122

1/-/-/8
ZM5333

- power: 21 W
- replacement of incandescent bulb: 120 W
- luminous flux: 1 900 lm
- color temperature: 3 000/3 500/4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 225 × 42 mm in diameter

- body colour: black
- line: NEXXO
- warranty period: 3 years



ZM5343 1/-/-8
15 39 087 212 ZM5343

- power: 28.5 W
- replacement of incandescent bulb: 160 W
- luminous flux: 2 700 lm
- color temperature: 3 000/3 500/4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 300 × 42 mm in diameter

- body colour: black
- line: NEXXO
- warranty period: 3 years



ZM5353 1/-/-4
15 39 087 282 ZM5353

- power: 7.6 W
- replacement of incandescent bulb: 50 W
- luminous flux: 680 lm
- color temperature: 3 000/3 500/4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 120 × 120 × 40 mm

- body colour: white
- line: NEXXO
- warranty period: 3 years



ZM6123 1/-/-8
15 39 087 071 ZM6123

- power: 12.5 W
- replacement of incandescent bulb: 75 W
- luminous flux: 1 100 lm
- color temperature: 3 000/3 500/4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 170 × 170 × 42 mm

- body colour: white
- line: NEXXO
- warranty period: 3 years



ZM6133 1/-/-8
15 39 087 123 ZM6133

- power: 21 W
- replacement of incandescent bulb: 120 W
- luminous flux: 1 900 lm
- color temperature: 3 000/3 500/4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 225 × 225 × 42 mm

- body colour: white
- line: NEXXO
- warranty period: 3 years



ZM6143 1/-/-8
15 39 087 213 ZM6143

- power: 28.5 W
- replacement of incandescent bulb: 160 W
- luminous flux: 2 700 lm
- color temperature: 3 000/3 500/4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 300 × 300 × 42 mm

- body colour: white
- line: NEXXO
- warranty period: 3 years



ZM6153 1/-/-/4
15 39 087 283 ZM6153

- power: 12.5 W
- replacement of incandescent bulb: 75 W
- luminous flux: 1 100 lm
- color temperature: 3 000/3 500/4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 170 × 170 × 42 mm

- body colour: brushed nickel
- line: NEXXO
- warranty period: 3 years



ZM6233 1/-/-/8
15 39 087 124 ZM6233

- power: 21 W
- replacement of incandescent bulb: 120 W
- luminous flux: 1 900 lm
- color temperature: 3 000/3 500/4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 225 × 225 × 42 mm

- body colour: brushed nickel
- line: NEXXO
- warranty period: 3 years



ZM6243 1/-/-/8
15 39 087 214 ZM6243

- power: 28.5 W
- replacement of incandescent bulb: 50 W
- luminous flux: 2 700 lm
- color temperature: 3 000/3 500/4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 300 × 300 × 42 mm

- body colour: brushed nickel
- line: NEXXO
- warranty period: 3 years



ZM6253 1/-/-/4
15 39 087 284 ZM6253

- power: 12.5 W
- replacement of incandescent bulb: 75 W
- luminous flux: 1 100 lm
- color temperature: 3 000/3 500/4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 170 × 170 × 42 mm

- body colour: black
- line: NEXXO
- warranty period: 3 years



ZM6333 1/-/-/8
15 39 087 125 ZM6333

- power: 21 W
- replacement of incandescent bulb: 120 W
- luminous flux: 1 900 lm
- color temperature: 3 000/3 500/4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 225 × 225 × 42 mm

- body colour: black
- line: NEXXO
- warranty period: 3 years



ZM6343 1/-/-/8
15 39 087 215 ZM6343

- power: 28.5 W
- replacement of incandescent bulb: 160 W
- luminous flux: 2 700 lm
- color temperature: 3 000/3 500/4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 300 × 300 × 42 mm

- body colour: black
- line: NEXXO
- warranty period: 3 years



ZM6353 1/-/-/4
15 39 087 285 ZM6353

PROFI

- made of cast aluminium and acrylic glass
- suitable for surface mounting
- long service life with minimal loss of luminosity
- high-quality drivers LIFUD
- LGP - PMMA - pleasantly diffused light
- luminous efficacy up to 2 000 lm/W
- 3 years warranty
- use: interiors in homes

- power: 12.5 W
- replacement of incandescent bulb: 70 W
- luminous flux: 1 000 lm
- color temperature: 3 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 120°
- type of mounting: surface
- dimensions: 170 × 40 mm in diameter

- body colour: white
- line: PROFI
- warranty period: 3 years



ZM5131 1/-/4/16
15 39 051 020 ZM5131

- power: 6 W
- replacement of incandescent bulb: 40 W
- luminous flux: 450 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 120°
- type of mounting: surface
- dimensions: 120 × 40 mm in diameter

- body colour: silver
- line: PROFI
- warranty period: 3 years



ZM5222 1/-/4/16
15 39 057 110 ZM5222

- power: 12.5 W
- replacement of incandescent bulb: 70 W
- luminous flux: 1 000 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 120°
- type of mounting: surface
- dimensions: 170 × 40 mm in diameter
- body colour: silver
- line: PROFI
- warranty period: 3 years



ZM5232 1/-/4/16
15 39 057 120 ZM5232

- power: 6 W
- replacement of incandescent bulb: 40 W
- luminous flux: 450 lm
- color temperature: 3 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 120°
- type of mounting: surface
- dimensions: 120 × 120 × 40 mm
- body colour: white
- line: PROFI
- warranty period: 3 years



ZM6121 1/4/-/16
15 39 061 050 ZM6121

- power: 12.5 W
- replacement of incandescent bulb: 70 W
- luminous flux: 1 000 lm
- color temperature: 3 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 120°
- type of mounting: surface
- dimensions: 170 × 170 × 40 mm
- body colour: white
- line: PROFI
- warranty period: 3 years



ZM6131 1/-/4/16
15 39 061 060 ZM6131

- power: 18 W
- replacement of incandescent bulb: 100 W
- luminous flux: 1 500 lm
- color temperature: 3 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 120°
- type of mounting: surface
- dimensions: 225 × 225 × 40 mm
- body colour: white
- line: PROFI
- warranty period: 3 years



ZM6141 1/-/4/8
15 39 061 070 ZM6141

- power: 24 W
- replacement of incandescent bulb: 125 W
- luminous flux: 2 000 lm
- color temperature: 3 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 120°
- type of mounting: surface
- dimensions: 300 × 300 × 40 mm
- body colour: white
- line: PROFI
- warranty period: 3 years



ZM6151 1/-/-/4
15 39 061 080 ZM6151

- power: 6 W
- replacement of incandescent bulb: 40 W
- luminous flux: 450 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 120°
- type of mounting: surface
- dimensions: 120 × 120 × 40 mm
- body colour: silver
- line: PROFI
- warranty period: 3 years

**ZM6222**

1/-/4/16

15 39 067 140

ZM6222

- power: 12.5 W
- replacement of incandescent bulb: 70 W
- luminous flux: 1 000 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 120°
- type of mounting: surface
- dimensions: 170 × 170 × 40 mm
- body colour: silver
- line: PROFI
- warranty period: 3 years

**ZM6232**

1/-/4/16

15 39 067 150

ZM6232

Luminaires

Surface Luminaires

CLASSIC

TORI

CLASSIC

- economical surface-mount luminaires
- combination with high quality workmanship
- circular or square shape
- milky diffuser and IP44 degree of protection
- easy installation
- 3 years warranty
- use: corridors in houses, garages, utility rooms

- power: 15 W
- replacement of incandescent bulb: 80 W
- luminous flux: 1 500 lm
- color temperature: 3 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 220 × 53 mm in diameter
- body colour: white
- line: TORI
- warranty period: 3 years

**ZM4121**

1/-/-/10

15 39 081 150

ZM4121

- power: 15 W
- replacement of incandescent bulb: 100 W
- luminous flux: 1 500 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 220 × 53 mm in diameter

- body colour: white
- line: TORI
- warranty period: 3 years



ZM4321 1/-/-/10
15 39 082 150 ZM4321

- power: 24 W
- replacement of incandescent bulb: 145 W
- luminous flux: 2 400 lm
- color temperature: 3 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 330 × 53 mm in diameter

- body colour: white
- line: TORI
- warranty period: 3 years



ZM4122 1/-/-/4
15 39 081 240 ZM4122

- power: 24 W
- replacement of incandescent bulb: 145 W
- luminous flux: 2 400 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 330 × 53 mm in diameter

- body colour: white
- line: TORI
- warranty period: 3 years



ZM4322 1/-/-/4
15 39 082 240 ZM4322

- power: 36 W
- replacement of incandescent bulb: 215 W
- luminous flux: 3 800 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 400 × 53 mm

- body colour: white
- line: TORI
- warranty period: 3 years



ZM4325 1/-/-/4
15 39 085 360 ZM4325

- power: 15 W
- replacement of incandescent bulb: 100 W
- luminous flux: 1 500 lm
- color temperature: 3 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 220 × 220 × 53 mm

- body colour: white
- line: TORI
- warranty period: 3 years



ZM4123 1/-/-/10
15 39 081 151 ZM4123

- power: 15 W
- replacement of incandescent bulb: 100 W
- luminous flux: 1 500 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 220 × 220 × 53 mm
- body colour: white
- line: TORI
- warranty period: 3 years



ZM4323 1/-/-/10
15 39 082 151 ZM4323

- power: 24 W
- replacement of incandescent bulb: 145 W
- luminous flux: 2 400 lm
- color temperature: 3 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 330 × 330 × 53 mm
- body colour: white
- line: TORI
- warranty period: 3 years



ZM4124 1/-/-/4
15 39 081 241 ZM4124

- power: 24 W
- replacement of incandescent bulb: 145 W
- luminous flux: 2 400 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 330 × 330 × 53 mm
- body colour: white
- line: TORI
- warranty period: 3 years



ZM4324 1/-/-/4
15 39 082 241 ZM4324

- power: 15 W
- replacement of incandescent bulb: 100 W
- luminous flux: 1 500 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- motion sensor: MW
- beam angle: 120°
- sensor detection range: 10 m
- type of mounting: surface
- dimensions: 220 × 53 mm
- body colour: white
- line: TORI
- warranty period: 3 years



ZM4328 1/-/-/10
15 39 085 150 ZM4328

- power: 24 W
- replacement of incandescent bulb: 145 W
- luminous flux: 2 400 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- motion sensor: MW
- beam angle: 120°
- sensor detection range: 10 m
- type of mounting: surface
- dimensions: 330 × 53 mm
- body colour: white
- line: TORI
- warranty period: 3 years



ZM4329 1/-/-/4
15 39 085 240 ZM4329

CORI

CLASSIC

- ceiling luminaires/wall-mounted LED lights
- steel luminaire body with PMMA cover
- warm or neutral light colour
- high luminous efficacy
- conservative design
- integrated driver
- 3 years warranty
- use: interiors, office spaces, hotels, homes

- power: 12 W
- replacement of incandescent bulb: 65 W
- luminous flux: 925 lm
- color temperature: 3 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 280 × 95 mm in diameter

- body colour: white
- line: CORI
- warranty period: 3 years



ZM3301 1/-/-2
15 39 033 010 ZM3301

- power: 12 W
- replacement of incandescent bulb: 70 W
- luminous flux: 1 020 lm
- color temperature: 4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 280 × 95 mm in diameter

- body colour: white
- line: CORI
- warranty period: 3 years



ZM3401 1/-/-2
15 39 034 010 ZM3401

- power: 18 W
- replacement of incandescent bulb: 90 W
- luminous flux: 1 390 lm
- color temperature: 3 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 360 × 105 mm in diameter

- body colour: white
- line: CORI
- warranty period: 3 years



ZM3302 1/-/-2
15 39 033 020 ZM3302

- power: 18 W
- replacement of incandescent bulb: 100 W
- luminous flux: 1 530 lm
- color temperature: 4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 360 × 105 mm in diameter

- body colour: white
- line: CORI
- warranty period: 3 years



ZM3402 1/-/-2
15 39 034 020 ZM3402

- power: 22 W
- replacement of incandescent bulb: 110 W
- luminous flux: 1 760 lm
- color temperature: 3 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 410 × 115 mm in diameter

- body colour: white
- line: CORI
- warranty period: 3 years



ZM3303 1/-/-/6
15 39 033 030 ZM3303

- power: 22 W
- replacement of incandescent bulb: 125 W
- luminous flux: 1 980 lm
- color temperature: 4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 410 × 115 mm in diameter

- body colour: white
- line: CORI
- warranty period: 3 years



ZM3403 1/-/-/6
15 39 034 030 ZM3403

- power: 32 W
- replacement of incandescent bulb: 155 W
- luminous flux: 2 560 lm
- color temperature: 3 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 410 × 115 mm in diameter

- body colour: white
- line: CORI
- warranty period: 3 years



ZM3304 1/-/-/6
15 39 033 040 ZM3304

- power: 32 W
- replacement of incandescent bulb: 170 W
- luminous flux: 2 880 lm
- color temperature: 4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 410 × 115 mm in diameter

- body colour: white
- line: CORI
- warranty period: 3 years



ZM3404 1/-/-/6
15 39 034 040 ZM3404

- power: 18 W
- replacement of incandescent bulb: 100 W
- luminous flux: 1 530 lm
- color temperature: 4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- motion sensor: MW
- beam angle: 120°
- sensor detection range: 6 m
- type of mounting: surface
- dimensions: 360 × 105 mm in diameter
- body colour: white
- line: CORI
- warranty period: 3 years



ZM3412 1/-/-/2
15 39 034 120 ZM3412

- power: 22 W
- replacement of incandescent bulb: 125 W
- luminous flux: 1 980 lm
- color temperature: 4 000 K
- body material: steel plate
- color rendering index (CRI): Ra > 80
- motion sensor: MW
- beam angle: 120°
- sensor detection range: 6 m
- type of mounting: surface
- dimensions: 410 × 115 mm in diameter
- body colour: white
- line: CORI
- warranty period: 3 years



ZM3413 1/-/-6
15 39 034 130 ZM3413

DORI

CLASSIC

- ceiling or wall-mounted round/square shaped luminaires
- high luminous efficacy and simple design.
- the luminaires come in two shapes.
- IP54 enclosure ensures water resistance
- easy installation
- use: indoor and outdoor environment of premises and houses

- power: 18 W
- replacement of incandescent bulb: 115 W
- luminous flux: 1 800 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 115°
- type of mounting: surface
- dimensions: 280 × 280 × 55 mm
- body colour: white
- line: DORI
- warranty period: 2 years



ZM4311 1/-/-8
15 39 043 050 ZM4311

- power: 24.5 W
- replacement of incandescent bulb: 150 W
- luminous flux: 2 450 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 115°
- type of mounting: surface
- dimensions: 280 × 55 mm in diameter
- body colour: white
- line: DORI
- warranty period: 2 years



ZM4312 1/-/-8
15 39 043 060 ZM4312

- power: 18 W
- replacement of incandescent bulb: 115 W
- luminous flux: 1 800 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 115°
- type of mounting: surface
- dimensions: 280 × 280 × 55 mm
- body colour: white
- line: DORI
- warranty period: 2 years



ZM4313 1/-/-8
15 39 043 070 ZM4313

- power: 24.5 W
- replacement of incandescent bulb: 150 W
- luminous flux: 2 450 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 115°
- type of mounting: surface
- dimensions: 280 × 280 × 55 mm
- body colour: white
- line: DORI
- warranty period: 2 years



ZM4314 1/-/-8
15 39 043 080 ZM4314

ZURI

CLASSIC

- made of high-quality plastic
- 2in1 - possibility to change the colour of the luminaire body
- energy saving
- IP54 protection guarantees water resistance
- 2 colour frames included
- use: indoor and outdoor environment of premises and houses

- power: 14 W
- replacement of incandescent bulb: 70 W
- luminous flux: 1 000 lm
- color temperature: 3 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 215 × 80 mm in diameter
- body colour: black/white
- line: ZURI
- warranty period: 2 years



ZM3130 1/-/-6
15 39 071 140 ZM3130

- power: 14 W
- replacement of incandescent bulb: 75 W
- luminous flux: 1 100 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 215 × 80 mm in diameter
- body colour: black/white
- line: ZURI
- warranty period: 2 years



ZM3230 1/-/-6
15 39 072 141 ZM3230

- power: 14 W
- replacement of incandescent bulb: 75 W
- luminous flux: 1 000 lm
- color temperature: 3 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- motion sensor: PIR
- beam angle: 120°
- sensor detection range: 10 m
- type of mounting: surface
- dimensions: 215 × 80 mm in diameter
- body colour: black/white
- line: ZURI
- warranty period: 2 years



ZM3131 1/-/-6
15 39 071 240 ZM3131

- power: 14 W
- replacement of incandescent bulb: 75 W
- luminous flux: 1 100 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- motion sensor: PIR
- beam angle: 120°
- sensor detection range: 10 m
- type of mounting: surface
- dimensions: 215 × 80 mm in diameter
- body colour: black/white
- line: ZURI
- warranty period: 2 years



ZM3231 1/-/-6
15 39 072 240 ZM3231

QARI

CLASSIC

- made of high-quality plastic
- circular and oval designs
- energy savings
- IP65 enclosure ensures water resistance
- use: indoor and outdoor environment of premises and houses

- power: 20 W
- replacement of incandescent bulb: 120 W
- luminous flux: 1 900 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 220 × 78 mm in diameter
- body colour: white
- line: QARI
- warranty period: 2 years



ZM3010 1/-/-6
15 39 722 000 ZM3010

- power: 20 W
- replacement of incandescent bulb: 120 W
- luminous flux: 1 900 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 270 × 145 × 81 mm
- body colour: white
- line: QARI
- warranty period: 2 years



ZM3020 1/-/-8
15 39 722 010 ZM3020

Luminaires

Surface Luminaires

ESSENTIAL

RUBIC

ESSENTIAL

- made of high-quality plastic and custom for surface mounting
- long service life with minimal loss of luminosity
- built-in and mounted installation thanks to mounting frame
- high luminous efficiency
- integrated driver
- conservative design
- use: interior lighting in households

- power: 9 W
- replacement of incandescent bulb: 65 W
- luminous flux: 900 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 120 × 42 mm in diameter

- body colour: white
- line: RUBIC
- warranty period: 2 years

**ZM5432**

1/-/-/36

15 39 085 092

ZM5432

- power: 18 W
- replacement of incandescent bulb: 110 W
- luminous flux: 1 800 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 170 × 42 mm in diameter

- body colour: white
- line: RUBIC
- warranty period: 2 years

**ZM5442**

1/-/-/24

15 39 085 182

ZM5442

- power: 24 W
- replacement of incandescent bulb: 145 W
- luminous flux: 2 400 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 220 × 42 mm in diameter

- body colour: white
- line: RUBIC
- warranty period: 2 years

**ZM5452**

1/-/-/12

15 39 085 242

ZM5452

- power: 9 W
- replacement of incandescent bulb: 65 W
- luminous flux: 900 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 120 × 120 × 42 mm

- body colour: white
- line: RUBIC
- warranty period: 2 years



ZM6432 1/-/-/36
15 39 085 093 ZM6432

- power: 18 W
- replacement of incandescent bulb: 110 W
- luminous flux: 1 800 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 170 × 170 × 42 mm

- body colour: white
- line: RUBIC
- warranty period: 2 years



ZM6442 1/-/-/24
15 39 085 183 ZM6442

- power: 24 W
- replacement of incandescent bulb: 145 W
- luminous flux: 2 400 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: surface
- dimensions: 220 × 220 × 42 mm

- body colour: white
- line: RUBIC
- warranty period: 2 years



ZM6452 1/-/-/12
15 39 085 243 ZM6452

FIORI

ESSENTIAL

- surface LED luminaire with power of 14 W
- tear-off box with 5 luminaires each packaged in foil for shelf sale
- neutral white colour temperature
- luminous efficacy 85 lm/W
- simple installation

- power: 14 W
- replacement of incandescent bulb: 80 W
- luminous flux: 1 200 lm
- color temperature: 4 000 K
- body material: plastic (PP)
- color rendering index (CRI): Ra > 80
- beam angle: 130°
- type of mounting: surface
- dimensions: 300 × 65 mm in diameter

- body colour: white
- line: FLORI
- warranty period: 3 years



ZM1114 5/-/-/5
15 39 082 140 ZM1114

Luminaires

Pendant Luminaires

CLASSIC

CLASSIC

- for bulbs with socket E27
- ideal in combination with filament or vintage bulbs
- attractive design in copper and brass
- possibility to install your own shade
- 3 years warranty
- use: modern interiors, bars, hotels, restaurants

- body material: pressed sheet + aluminium
- type of mounting: hanging
- dimensions: 10 × 100 cm in diameter
- mounting hole: no
- body colour: copper
- warranty period: 3 years



ZC3000

1/-/10/20

15 47 300 000

ZC3000

- body material: pressed sheet + aluminium
- type of mounting: hanging
- dimensions: 10 × 100 cm in diameter
- mounting hole: no
- body colour: brass
- warranty period: 3 years



ZC3100

1/-/10/20

15 47 310 000

ZC3100

Luminaires

Recessed Luminaires

EXCLUSIVE

SIMMI

EXCLUSIVE

- elegant LED spotlights with tilt option
- have an integrated driver
- in white or with a brushed nickel surface finish
- top-quality and exclusive appearance
- 3 years warranty
- use: indoor and outdoor environment of premises and houses

- power: 5 W
- replacement of incandescent bulb: 50 W
- luminous flux: 450 lm
- color temperature: 3 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 110°
- type of mounting: recessed
- dimensions: 90 × 25 mm in diameter

- mounting hole: 68-70 mm
- body colour: white
- line: SIMMI
- warranty period: 3 years



ZD3121 1/-/6/60
15 40 115 510 ZD3121

- power: 5 W
- replacement of incandescent bulb: 50 W
- luminous flux: 450 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 110°
- type of mounting: recessed
- dimensions: 90 × 25 mm in diameter

- mounting hole: 68 mm
- body colour: white
- line: SIMMI
- warranty period: 3 years



ZD3122 1/-/6/60
15 40 115 570 ZD3122

- power: 5 W
- replacement of incandescent bulb: 50 W
- luminous flux: 450 lm
- color temperature: 3 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 110°
- type of mounting: recessed
- dimensions: 80 × 25 mm in diameter

- mounting hole: 68 mm
- body colour: brushed nickel
- line: SIMMI
- warranty period: 3 years



ZD3221 1/-/6/60
15 40 125 510 ZD3221

- power: 5 W
- replacement of incandescent bulb: 50 W
- luminous flux: 450 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 110°
- type of mounting: recessed
- dimensions: 80 × 25 mm in diameter
- mounting hole: 68 mm
- body colour: brushed nickel
- line: SIMMI
- warranty period: 3 years



ZD3222 1/-/6/60
15 40 125 570 ZD3222

Luminaires

Recessed Luminaires

PROFI

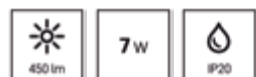
NEXXO

PROFI

- made of cast aluminium and acrylic glass
- suitable for surface mounting
- high-quality drivers LIFUD
- LGP - PMMA - pleasantly diffused light
- easy installation thanks to the installation console
- 3 years warranty
- use: interiors in homes, offices or hotels.
- use: interior lighting in homes, offices, hotels

- power: 7 W
- replacement of incandescent bulb: 40 W
- luminous flux: 450 lm
- color temperature: 3 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 120 × 21 mm in diameter

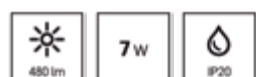
- mounting hole: 105 mm
- body colour: white
- line: NEXXO
- warranty period: 3 years



ZD1124 1/-/-/8
15 40 110 613 ZD1124

- power: 7 W
- replacement of incandescent bulb: 40 W
- luminous flux: 480 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 120 × 21 mm in diameter

- mounting hole: 105 mm
- body colour: white
- line: NEXXO
- warranty period: 3 years



ZD1125 1/-/-/8
15 40 110 623 ZD1125

- power: 12.5 W
- replacement of incandescent bulb: 70 W
- luminous flux: 1 000 lm
- color temperature: 3 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 170 × 21 mm in diameter

- mounting hole: 155 mm
- body colour: white
- line: NEXXO
- warranty period: 3 years



ZD1134
15 40 111 214

1/-/-8
ZD1134

- power: 12.5 W
- replacement of incandescent bulb: 70 W
- luminous flux: 1 050 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 170 × 21 mm in diameter

- mounting hole: 155 mm
- body colour: white
- line: NEXXO
- warranty period: 3 years



ZD1135
15 40 111 224

1/-/-8
ZD1135

- power: 18 W
- replacement of incandescent bulb: 100 W
- luminous flux: 1 500 lm
- color temperature: 3 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 225 × 21 mm in diameter

- mounting hole: 205 mm
- body colour: white
- line: NEXXO
- warranty period: 3 years



ZD1144
15 40 111 813

1/-/-8
ZD1144

- power: 18 W
- replacement of incandescent bulb: 100 W
- luminous flux: 1 600 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 225 × 21 mm in diameter

- mounting hole: 205 mm
- body colour: white
- line: NEXXO
- warranty period: 3 years



ZD1145
15 40 111 823

1/-/-8
ZD1145

- power: 25 W
- replacement of incandescent bulb: 125 W
- luminous flux: 2 000 lm
- color temperature: 3 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 300 × 21 mm in diameter

- mounting hole: 280 mm
- body colour: white
- line: NEXXO
- warranty period: 3 years



ZD1154
15 40 112 413

1/-/-4
ZD1154

- power: 25 W
- replacement of incandescent bulb: 125 W
- luminous flux: 2 100 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 300 × 21 mm in diameter

- mounting hole: 280 mm
- body colour: white
- line: NEXXO
- warranty period: 3 years



ZD1155
15 40 112 423

1/-/-/4
ZD1155

- power: 7 W
- replacement of incandescent bulb: 40 W
- luminous flux: 480 lm
- color temperature: 3 000/3 500/4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 120 × 21 mm in diameter

- mounting hole: 105 mm
- body colour: brushed nickel
- line: NEXXO
- warranty period: 3 years



ZD1223
15 40 130 670

1/-/-/8
ZD1223

- power: 12.5 W
- replacement of incandescent bulb: 70 W
- luminous flux: 1 050 lm
- color temperature: 3 000/3 500/4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 170 × 21 mm in diameter

- mounting hole: 155 mm
- body colour: brushed nickel
- line: NEXXO
- warranty period: 3 years



ZD1233
15 40 131 270

1/-/-/8
ZD1233

- power: 18 W
- replacement of incandescent bulb: 100 W
- luminous flux: 1 600 lm
- color temperature: 3 000/3 500/4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 225 × 21 mm in diameter

- mounting hole: 205 mm
- body colour: brushed nickel
- line: NEXXO
- warranty period: 3 years



ZD1243
15 40 131 870

1/-/-/8
ZD1243

- power: 7 W
- replacement of incandescent bulb: 40 W
- luminous flux: 480 lm
- color temperature: 3 000/3 500/4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 120 × 21 mm in diameter

- mounting hole: 105 mm
- body colour: black
- line: NEXXO
- warranty period: 3 years



ZD1323
15 40 140 670

1/-/-/8
ZD1323

- power: 12.5 W
- replacement of incandescent bulb: 70 W
- luminous flux: 1 050 lm
- color temperature: 3 000/3 500/4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 170 × 21 mm in diameter

- mounting hole: 155 mm
- body colour: black
- line: NEXXO
- warranty period: 3 years



ZD1333 1/-/-/8
15 40 141 270 ZD1333

- power: 18 W
- replacement of incandescent bulb: 100 W
- luminous flux: 1 600 lm
- color temperature: 3 000/3 500/4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 225 × 21 mm in diameter

- mounting hole: 205 mm
- body colour: black
- line: NEXXO
- warranty period: 3 years



ZD1343 1/-/-/8
15 40 141 870 ZD1343

- power: 7 W
- replacement of incandescent bulb: 40 W
- luminous flux: 450 lm
- color temperature: 3 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 120 × 120 × 21 mm

- mounting hole: 105 × 105 mm
- body colour: white
- line: NEXXO
- warranty period: 3 years



ZD2124 1/-/-/8
15 40 210 612 ZD2124

- power: 7 W
- replacement of incandescent bulb: 40 W
- luminous flux: 480 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 120 × 120 × 21 mm

- mounting hole: 105 × 105 mm
- body colour: white
- line: NEXXO
- warranty period: 3 years



ZD2125 1/-/-/8
15 40 210 622 ZD2125

- power: 12.5 W
- replacement of incandescent bulb: 70 W
- luminous flux: 1 000 lm
- color temperature: 3 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 170 × 170 × 21 mm

- mounting hole: 155 × 155 mm
- body colour: white
- line: NEXXO
- warranty period: 3 years



ZD2134 1/-/-/8
15 40 211 213 ZD2134

- power: 12.5 W
- replacement of incandescent bulb: 70 W
- luminous flux: 1 050 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 170 × 170 × 21 mm

- mounting hole: 155 × 155 mm
- body colour: white
- line: NEXXO
- warranty period: 3 years



ZD2135 1/-/-/8
15 40 211 223 ZD2135

- power: 18 W
- replacement of incandescent bulb: 100 W
- luminous flux: 1 500 lm
- color temperature: 3 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 225 × 225 × 21 mm

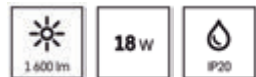
- mounting hole: 205 × 205 mm
- body colour: white
- line: NEXXO
- warranty period: 3 years



ZD2144 1/-/-/8
15 40 211 813 ZD2144

- power: 18 W
- replacement of incandescent bulb: 100 W
- luminous flux: 1 600 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 225 × 225 × 21 mm

- mounting hole: 205 × 205 mm
- body colour: white
- line: NEXXO
- warranty period: 3 years



ZD2145 1/-/-/8
15 40 211 823 ZD2145

- power: 25 W
- replacement of incandescent bulb: 125 W
- luminous flux: 2 000 lm
- color temperature: 3 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 300 × 300 × 21 mm

- mounting hole: 280 × 280 mm
- body colour: white
- line: NEXXO
- warranty period: 3 years



ZD2154 1/-/-/4
15 40 212 413 ZD2154

- power: 25 W
- replacement of incandescent bulb: 125 W
- luminous flux: 2 100 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 300 × 300 × 21 mm

- mounting hole: 280 × 280 mm
- body colour: white
- line: NEXXO
- warranty period: 3 years



ZD2155 1/-/-/4
15 40 212 424 ZD2155

- power: 7 W
- replacement of incandescent bulb: 40 W
- luminous flux: 480 lm
- color temperature: 3 000/3 500/4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 120 × 120 × 21 mm

- mounting hole: 105 × 105 mm
- body colour: brushed nickel
- line: NEXXO
- warranty period: 3 years



ZD2223 1/-/-/8
15 40 230 670 ZD2223

- power: 12.5 W
- replacement of incandescent bulb: 70 W
- luminous flux: 1 050 lm
- color temperature: 3 000/3 500/4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 170 × 170 × 21 mm

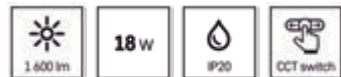
- mounting hole: 155 × 155 mm
- body colour: brushed nickel
- line: NEXXO
- warranty period: 3 years



ZD2233 1/-/-/8
15 40 231 270 ZD2233

- power: 18 W
- replacement of incandescent bulb: 100 W
- luminous flux: 1 600 lm
- color temperature: 3 000/3 500/4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 225 × 225 × 21 mm

- mounting hole: 205 × 205 mm
- body colour: brushed nickel
- line: NEXXO
- warranty period: 3 years



ZD2243 1/-/-/8
15 40 231 870 ZD2243

- power: 7 W
- replacement of incandescent bulb: 40 W
- luminous flux: 480 lm
- color temperature: 3 000/3 500/4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 120 × 120 × 21 mm

- mounting hole: 105 × 105 mm
- body colour: black
- line: NEXXO
- warranty period: 3 years



ZD2323 1/-/-/8
15 40 240 670 ZD2323

- power: 12.5 W
- replacement of incandescent bulb: 70 W
- luminous flux: 1 050 lm
- color temperature: 3 000/3 500/4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 170 × 170 × 21 mm

- mounting hole: 155 × 155 mm
- body colour: black
- line: NEXXO
- warranty period: 3 years



ZD2333 1/-/-/8
15 40 241 270 ZD2333

- power: 18 W
- replacement of incandescent bulb: 100 W
- luminous flux: 1 600 lm
- color temperature: 3 000/3 500/4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 110°
- type of mounting: recessed
- dimensions: 225 × 225 × 21 mm

- mounting hole: 205 × 205 mm
- body colour: black
- line: NEXXO
- warranty period: 3 years



ZD2343 1/-/-/8
15 40 241 870 ZD2343

VIXXO

PROFI

- thin attractive frameless LED luminaires
- high quality aluminium alloy with white exterior finish
- allow easy horizontal and vertical installation
- IP65 enclosure ensures water resistance
- 3 years warranty
- use: bathrooms and toilets, kitchen

- power: 6 W
- replacement of incandescent bulb: 42 W
- luminous flux: 500 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 70 × 20 mm in diameter

- mounting hole: 55 mm
- body colour: white
- line: VIXXO
- warranty period: 3 years



ZV1112 1/-/4/20
15 40 110 621 ZV1112

- power: 7,5 W
- replacement of incandescent bulb: 50 W
- luminous flux: 650 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 100 × 20 mm in diameter

- mounting hole: 80 mm
- body colour: white
- line: VIXXO
- warranty period: 3 years



ZV1122 1/-/4/20
15 40 110 820 ZV1122

- power: 10 W
- replacement of incandescent bulb: 65 W
- luminous flux: 900 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 125 × 20 mm in diameter

- mounting hole: 105 mm
- body colour: white
- line: VIXXO
- warranty period: 3 years



ZV1132 1/-/4/16
15 40 111 120 ZV1132

- power: 13.5 W
- replacement of incandescent bulb: 85 W
- luminous flux: 1 250 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 155 × 20 mm in diameter
- mounting hole: 135 mm
- body colour: white
- line: VIXXO
- warranty period: 3 years



ZV1142 1/-/-/10
15 40 111 520 ZV1142

- power: 19 W
- replacement of incandescent bulb: 110 W
- luminous flux: 1 700 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 185 × 20 mm in diameter
- mounting hole: 165 mm
- body colour: white
- line: VIXXO
- warranty period: 3 years



ZV1152 1/-/-/12
15 40 112 220 ZV1152

- power: 6 W
- replacement of incandescent bulb: 42 W
- luminous flux: 500 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 75 × 75 × 20 mm
- mounting hole: 55 × 55 mm
- body colour: white
- line: VIXXO
- warranty period: 3 years



ZV2112 1/-/4/20
15 40 210 621 ZV2112

- power: 7.5 W
- replacement of incandescent bulb: 50 W
- luminous flux: 650 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 100 × 100 × 20 mm
- mounting hole: 80 × 80 mm
- body colour: white
- line: VIXXO
- warranty period: 3 years



ZV2122 1/-/4/20
15 40 210 820 ZV2122

- power: 10 W
- replacement of incandescent bulb: 65 W
- luminous flux: 900 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 125 × 125 × 20 mm
- mounting hole: 105 × 105 mm
- body colour: white
- line: VIXXO
- warranty period: 3 years



ZV2132 1/-/4/16
15 40 211 120 ZV2132

- power: 13.5 W
- replacement of incandescent bulb: 85 W
- luminous flux: 1 250 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 155 × 155 × 20 mm
- mounting hole: 135 × 135 mm
- body colour: white
- line: VIXXO
- warranty period: 3 years



ZV2142 1/-/-/10
15 40 211 520 ZV2142

- power: 19 W
- replacement of incandescent bulb: 110 W
- luminous flux: 1 700 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 185 × 185 × 20 mm
- mounting hole: 165 × 165 mm
- body colour: white
- line: VIXXO
- warranty period: 3 years



ZV2152 1/-/-/12
15 40 212 220 ZV2152

PROFI

- round/square made of cast aluminium and acrylic glass
- designed to be recessed into plasterboard
- long service life with minimal loss of luminosity
- high-quality drivers LIFUD
- LGP - PMMA - pleasantly diffused light
- easy installation
- 3 years warranty
- use: interior lighting in households

- power: 24 W
- replacement of incandescent bulb: 125 W
- luminous flux: 2 000 lm
- color temperature: 3 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 120°
- type of mounting: recessed
- dimensions: 297 × 21 mm in diameter
- mounting hole: 280 mm
- body colour: white
- warranty period: 3 years



ZD1151 1/-/-/4
15 40 112 410 ZD1151

- power: 6 W
- replacement of incandescent bulb: 40 W
- luminous flux: 450 lm
- color temperature: 3 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 120°
- type of mounting: recessed
- dimensions: 120 × 120 × 21 mm
- mounting hole: 102 mm
- body colour: white
- line: PROFI
- warranty period: 3 years



ZD2121 1/-/4/16
15 40 210 610 ZD2121

- power: 12.5 W
- replacement of incandescent bulb: 70 W
- luminous flux: 1 000 lm
- color temperature: 3 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 120°
- type of mounting: recessed
- dimensions: 170 × 170 × 21 mm
- mounting hole: 152 mm
- body colour: white
- line: PROFI
- warranty period: 3 years



ZD2131 1/-/4/8
15 40 211 210 ZD2131

- power: 18 W
- replacement of incandescent bulb: 100 W
- luminous flux: 1 500 lm
- color temperature: 3 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 120°
- type of mounting: recessed
- dimensions: 225 × 225 × 21 mm
- mounting hole: 202 mm
- body colour: white
- line: PROFI
- warranty period: 3 years



ZD2141 1/-/4/8
15 40 211 810 ZD2141

- power: 12.5 W
- replacement of incandescent bulb: 70 W
- luminous flux: 1 000 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 120°
- type of mounting: recessed
- dimensions: 170 × 170 × 21 mm
- mounting hole: 152 mm
- body colour: silver
- line: PROFI
- warranty period: 3 years



ZD2232 1/-/4/8
15 40 221 270 ZD2232

- power: 18 W
- replacement of incandescent bulb: 100 W
- luminous flux: 1 500 lm
- color temperature: 4 000 K
- body material: aluminum
- color rendering index (CRI): Ra > 82
- beam angle: 120°
- type of mounting: recessed
- dimensions: 225 × 225 × 21 mm
- mounting hole: 202 mm
- body colour: silver
- warranty period: 3 years



ZD2242 1/-/4/8
15 40 221 870 ZD2242

Luminaires

Recessed Luminaires

CLASSIC

EXTENSIO

CLASSIC

- Elegant and timeless LED luminaires
- 3 lighting modes
- halo effect – night mode feature
- no memory function
- use: modern interiors, offices, hotels, homes

- power: 5.5 W
- replacement of incandescent bulb: 35 W
- luminous flux: 420 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 110°
- type of mounting: recessed
- dimensions: 82 × 44 mm in diameter

- mounting hole: 65 mm
- body colour: white
- line: EXTENSIO
- warranty period: 2 years

**ZD1312**

1/-/4/40

15 40 110 530

ZD1312

- power: 13 W
- replacement of incandescent bulb: 70 W
- luminous flux: 1 000 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 110°
- type of mounting: recessed
- dimensions: 148 × 38 mm in diameter

- mounting hole: 130 mm
- body colour: white
- line: EXTENSIO
- warranty period: 2 years

**ZD1322**

1/-/1/18

15 40 111 330

ZD1322

Luminaires

Recessed Luminaires

ESSENTIAL

RUBIC

ESSENTIAL

- white are made of high-quality plastic
- designed to be recessed into plasterboard
- long service life with minimal loss of luminosity
- high luminous efficiency
- conservative design
- integrated driver
- use: interior lighting in households

- power: 9 W
- replacement of incandescent bulb: 65 W
- luminous flux: 900 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 120 × 26 mm in diameter

- mounting hole: 90–110 mm
- body colour: white
- line: RUBIC
- warranty period: 2 years

**ZD1432**

1/-/-/45

15 39 085 090

ZD1432

- power: 18 W
- replacement of incandescent bulb: 110 W
- luminous flux: 1 800 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 170 × 26 mm in diameter

- mounting hole: 140–160 mm
- body colour: white
- line: RUBIC
- warranty period: 2 years

**ZD1442**

1/-/-/32

15 39 085 180

ZD1442

- power: 24 W
- replacement of incandescent bulb: 145 W
- luminous flux: 2 400 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 220 × 26 mm in diameter

- mounting hole: 190–210 mm
- body colour: white
- line: RUBIC
- warranty period: 2 years

**ZD1452**

1/-/-/16

15 39 085 244

ZD1452

- power: 9 W
- replacement of incandescent bulb: 65 W
- luminous flux: 900 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 120 × 120 × 26 mm

- mounting hole: 90–110 mm
- body colour: white
- line: RUBIC
- warranty period: 2 years



ZD2432 1/-/-/45
15 39 085 091 ZD2432

- power: 18 W
- replacement of incandescent bulb: 110 W
- luminous flux: 1 800 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 170 × 170 × 26 mm

- mounting hole: 140–160 mm
- body colour: white
- line: RUBIC
- warranty period: 2 years



ZD2442 1/-/-/32
15 39 085 181 ZD2442

- power: 24 W
- replacement of incandescent bulb: 145 W
- luminous flux: 2 400 lm
- color temperature: 4 000 K
- body material: plastic (PC)
- color rendering index (CRI): Ra > 80
- beam angle: 120°
- type of mounting: recessed
- dimensions: 220 × 220 × 26 mm

- mounting hole: 190–210 mm
- body colour: white
- line: RUBIC
- warranty period: 2 years



ZD2452 1/-/-/16
15 39 085 241 ZD2452

Luminaires

Emergency Luminaires

PROFI

CESSI

PROFI

- emergency luminaires are used in case of power failure
- ensure safe egress from rooms during a power outage
- sufficient backup power for 3 hours during a power outage
- test button and LED indicator for testing functionality
- 4 years warranty
- use: industrial buildings, garages, hallways, offices

- type of emergency operation test: manual button
- light color: cool white
- IP rating: IP20
- body material: plastic (PC)
- power voltage: 220–240 V AC
- input power: 3 W max.
- dimensions: 315 × 223 × 45 mm
- luminous flux: 30 lm
- color temperature: 5 000 K
- mounting type: attached
- warranty period: 4 years
- backup time: 3 h
- battery type: Ni-Cd
- battery capacity: 900 mAh
- type of emergency light operation: maintained



ZN1210 1/-/-/6
15 48 121 000 ZN1210

- body material: plastic (PC)
- dimensions: 386 × 80 × 74 mm
- mounting type: recessed
- warranty period: 4 years



ZN1211 1/-/-/8
15 48 121 100 ZN1211

NESSI

PROFi

- emergency luminaires are used in case of power failure
- ensure safe egress from rooms during a power outage
- sufficient backup power for 3 hours during a power outage
- test button and LED indicator for testing functionality
- 4 years warranty
- use: industrial buildings, garages, hallways, offices

- type of emergency operation test: manual button
- light color: cool white
- IP rating: IP65
- body material: plastic (ABS)
- power voltage: 220–240 V AC
- input power: 3 W
- dimensions: 351 × 111 × 63 mm
- luminous flux: 150 lm
- color temperature: 6 500 K
- mounting type: attached
- warranty period: 4 years
- backup time: 3 h
- battery type: LiFePo4
- battery capacity: 1 500 mAh
- type of emergency light operation: maintained/non-



ZN1110	1/-/-/10
15 48 111 000	ZN1110

- body material: steel plate
- dimensions: 387 × 147 × 30 mm
- mounting type: recessed
- warranty period: 4 years



ZN1111	1/-/-/10
15 48 111 100	ZN1111

- IP rating: IP65
- body material: plastic (PC)
- dimensions: 350 × 113 × 192 mm
- warranty period: 4 years



ZN1112	1/-/-/10
15 48 111 200	ZN1112

ORSU

PROFi

- emergency luminaires are used in case of power failure
- ensure safe egress from rooms during a power outage
- sufficient backup power for 3 hours during a power outage
- test button and LED indicator for testing functionality
- 4 years warranty
- use: industrial and warehouse buildings, corridors, offices

- type of emergency operation test: manual button
- light color: cool white
- IP rating: IP20
- body material: plastic (PC)
- power voltage: 220-240 V AC
- input power: 3 W
- dimensions: 140 × 55 mm in diameter
- luminous flux: 240 lm
- color temperature: 6 500 K
- mounting type: recessed
- warranty period: 4 years
- backup time: 3 h
- battery type: LiFePo4
- battery capacity: 1 500 mAh
- type of emergency light operation: non-maintained



8 592920 091081

ZN1310

1/-/-12

15 48 131 000

ZN1310

- body material: plastic (PC)
- dimensions: 140 × 55 mm in diameter
- mounting type: attached
- warranty period: 4 years



8 592920 091104

ZN1311

1/-/-12

15 48 131 100

ZN1311

Luminaires

Emergency Luminaires

Emergency conversion kit

- type of emergency operation test: manual button
- IP rating: IP20
- body material: plastic (PC)
- power voltage: 220–240 V AC
- input power: 6 W max.
- dimensions: 212 × 73 × 28 mm
- warranty period: 3 years
- backup time: 1 h
- battery type: LiFePo4
- battery capacity: 1 500 mAh



8 592920 086001

ZR9310

15 48 931 000

1/-/-/20

ZR9310

Luminaires

Orientation Luminaires

CLASSIC

AMAL

CLASSIC

- orientation luminaires in brushed aluminium
- designed for recessed mounting
- the aluminium body and glass milk diffuse
- a superior service life
- minimal power consumption
- IP65 protection guarantees water resistance
- in neutral or warm white
- use: stairs, exterior facades, walls

- colour: stainless steel
- light color: warm white
- frequency: 50–60 Hz
- IP rating: IP65
- material of the diffuser: glass
- body material: aluminum
- mounting hole: 113 × 43 × 65 mm
- voltage: 220–240 V
- packaging: 1 pc, box

- power: 1.5 W
- dimensions: 123 × 53 × 61 mm
- luminous flux: 55 lm
- color temperature: 3 000 K
- source of light: LED
- lifetime: 30 000 hours



ZC0108 1/-/-/24
15 45 000 080 ZC0108

- colour: stainless steel
- light color: neutral white
- frequency: 50–60 Hz
- IP rating: IP65
- material of the diffuser: glass
- body material: aluminum
- mounting hole: 113 × 43 × 65 mm
- voltage: 220–240 V
- packaging: 1 pc, box

- power: 1.5 W
- dimensions: 123 × 53 × 61 mm
- luminous flux: 55 lm
- color temperature: 4 000 K
- source of light: LED
- lifetime: 30 000 hours



ZC0110 1/-/-/24
15 45 000 100 ZC0110

- colour: stainless steel
- light color: warm white
- frequency: 50–60 Hz
- IP rating: IP65
- material of the diffuser: glass
- body material: aluminum
- mounting hole: 75 × 70 mm
- voltage: 220–240 V
- packaging: 1 pc, box

- power: 1.5 W
- dimensions: 80 × 80 × 61 mm
- luminous flux: 75 lm
- color temperature: 3 000 K
- source of light: LED
- lifetime: 30 000 hours



ZC0109 1/-/-/24
15 45 000 090 ZC0109

- colour: stainless steel
- light color: neutral white
- frequency: 50-60 Hz
- IP rating: IP65
- material of the diffuser: glass
- body material: aluminum
- mounting hole: 75 × 70 mm
- voltage: 220-240 V
- packaging: 1 pc, box

- power: 2 W
- dimensions: 80 × 80 × 61 mm
- luminous flux: 70 lm
- color temperature: 4 000 K
- source of light: LED
- lifetime: 30 000 hours



ZC0111	1/-/-/24
15 45 000 110	ZC0111

DIRAL

CLASSIC

- in several shapes and sizes
- designed for recessed mounting
- the aluminium body and glass milk diffuse
- a superior service life
- IP65 protection guarantees water resistance
- for indoor and outdoor areas
- use: stairs, exterior facades, walls

- colour: grey
- light color: warm white
- frequency: 50-60 Hz
- IP rating: IP65
- material of the diffuser: glass
- body material: aluminum
- mounting hole: 80 × 75 mm
- voltage: 220-240 V
- packaging: 1 pc, box

- power: 1 W
- dimensions: 90 × 90 × 71 mm
- luminous flux: 25 lm
- color temperature: 3 000 K
- source of light: LED
- lifetime: 30 000 hours



ZC0105	1/-/-/16
15 45 000 050	ZC0105

- colour: grey
- light color: warm white
- frequency: 50-60 Hz
- IP rating: IP65
- material of the diffuser: glass
- body material: aluminum
- mounting hole: 125 × 58 mm
- voltage: 220-240 V
- packaging: 1 pc, box

- power: 3 W
- dimensions: 140 × 70 × 71 mm
- luminous flux: 90 lm
- color temperature: 3 000 K
- source of light: LED
- lifetime: 30 000 hours



ZC0106	1/-/-/16
15 45 000 060	ZC0106

DIRBI

CLASSIC

- orientation luminaires for surface-mounted installation
- excellent price/quality ratio
- the ABS plastic body and polycarbonate diffuser
- a long service life
- minimal power consumption
- for indoor and outdoor areas
- IP65 protection guarantees water resistance
- use: stairs, exterior facades, walls

- colour: dark grey
- light color: neutral white
- frequency: 50–60 Hz
- IP rating: IP65
- material of the diffuser: polycarbonate
- body material: ABS
- voltage: 220–240 V
- packaging: 1 pc, box
- power: 3 W

- dimensions: 120 × 120 × 32 mm
- luminous flux: 100 lm
- color temperature: 4 000 K
- source of light: LED
- lifetime: 30 000 hours



ZC0114 1/-/-/18
15 45 000 140 ZC0114

- colour: dark grey
- light color: neutral white
- frequency: 50–60 Hz
- IP rating: IP65
- material of the diffuser: polycarbonate
- body material: ABS
- voltage: 220–240 V
- packaging: 1 pc, box
- power: 1.5 W

- dimensions: 100 × 60 × 33 mm
- luminous flux: 80 lm
- color temperature: 4 000 K
- source of light: LED
- lifetime: 30 000 hours



ZC0116 1/-/-/40
15 45 000 160 ZC0116

- colour: dark grey
- light color: neutral white
- frequency: 50–60 Hz
- IP rating: IP65
- material of the diffuser: polycarbonate
- body material: ABS
- voltage: 220–240 V
- packaging: 1 pc, box
- power: 3 W

- dimensions: 160 × 70 × 33 mm
- luminous flux: 150 lm
- color temperature: 4 000 K
- source of light: LED
- lifetime: 30 000 hours



ZC0117 1/-/-/30
15 45 000 170 ZC0117

Luminaires

Cabinet Luminaires

CLASSIC

TIGO

CLASSIC

- energy-saving LED bars for embellishing a closet or kitchen unit
- lengths from 300 mm to 1 150 mm
- option to interconnect different lengths
- neutral white colour temperature
- simple installation

- power: 5 W
 - length: 300 mm
 - luminous flux: 500 lm
 - color temperature: 4 000 K
 - light color: neutral white
 - material: aluminium (Al) + plastic
 - dimensions: 300 × 22 × 30 mm
 - lifetime: 25 000 hours
 - beam angle: 120°
- = packaging: 1 pc, small box

**ZS2110**

1/-/-/30

15 31 211 010

ZS2110

- power: 10 W
 - length: 600 mm
 - luminous flux: 1 000 lm
 - color temperature: 4 000 K
 - light color: neutral white
 - material: aluminium (Al) + plastic
 - dimensions: 600 × 22 × 30 mm
 - lifetime: 25 000 hours
 - beam angle: 120°
- = packaging: 1 pc, small box

**ZS2120**

1/-/-/30

15 31 211 020

ZS2120

- power: 15 W
 - length: 860 mm
 - luminous flux: 1 500 lm
 - color temperature: 4 000 K
 - light color: neutral white
 - material: aluminium (Al) + plastic
 - dimensions: 860 × 22 × 30 mm
 - lifetime: 25 000 hours
 - beam angle: 120°
- = packaging: 1 pc, small box

**ZS2130**

1/-/-/30

15 31 211 030

ZS2130

- power: 20 W
 - length: 1 150 mm
 - luminous flux: 2 000 lm
 - color temperature: 4 000 K
 - light color: neutral white
 - material: aluminium (Al) + plastic
 - dimensions: 1 150 × 22 × 30 mm
 - lifetime: 25 000 hours
 - beam angle: 120°
- packaging: 1 pc, small box



ZS2140
15 31 211 040

1/-/-/30
ZS2140

Luminaires

Desk and Floor Lamps

- stylish table or floor lamps
- suitable for the study or children's room
- selected models allow wireless charging of mobile phones, night light function, timer or dimming function
- retro lamps with E27 base

- model: AVA
 - power: 4.5 W
 - luminous flux: 150 lm
 - colour: black
 - supply cable length: 1.5 m
 - power adaptor: USB cable
 - power adaptor included: yes (USB cable)
 - color temperature: 3 000/4 000/5 000 K
 - dimensions: 460 × 105 × 53 mm
- color rendering index (CRI): Ra >95
- packaging: 1 pc, box



Z7617
15 38 179 000

1/-/-/10
Z7617

- model: CARSON
 - power: 6 W
 - luminous flux: 400 lm
 - colour: black
 - supply cable length: 1.5 m
 - power adaptor: 12 V/1 000 mA
 - power adaptor included
 - color temperature: 2 700-6 600 K
 - dimensions: 330 × 290 mm
- USB port
- color rendering index (CRI): Ra >80
- packaging: 1 pc, box



Z7618B
15 38 180 000

1/-/-/6
Z7618B

- model: CARSON
- power: 6 W
- luminous flux: 400 lm
- colour: white
- supply cable length: 1.5 m
- power adaptor: 12 V/1 000 mA
- power adaptor included
- color temperature: 2 700–6 600 K
- dimensions: 330 × 290 mm

- USB port
- color rendering index (CRI): Ra >80
- packaging: 1 pc, box



Z7618W 1/-/-6
15 38 181 000 Z7618W

- model: CHASE
- power: 7.8 W
- luminous flux: 450 lm
- colour: black
- supply cable length: 1.5 m
- power adaptor: 12 V/500 mA
- power adaptor included
- color temperature: 2 700–6 500 K
- dimensions: 370 × 340 mm

- color rendering index (CRI): Ra >80
- packaging: 1 pc, box



Z7619B 1/-/-8
15 38 182 000 Z7619B

- model: CHASE
- power: 7.8 W
- luminous flux: 450 lm
- colour: white
- supply cable length: 1.5 m
- power adaptor: 12 V/500 mA
- power adaptor included
- color temperature: 2 700–6 500 K
- dimensions: 370 × 340 mm

- color rendering index (CRI): Ra >80
- packaging: 1 pc, box



Z7619W 1/-/-8
15 38 183 000 Z7619W

- model: WESLEY
- power: 12 W
- luminous flux: 700 lm
- colour: black
- supply cable length: 1.5 m
- power adaptor: 15 V/800 mA
- power adaptor included
- color temperature: 2 700–6 000 K
- dimensions: 430 × 180 mm

- color rendering index (CRI): Ra >95
- packaging: 1 pc, box



Z7620B 1/-/-2
15 38 184 000 Z7620B

- model: WESLEY
- power: 12 W
- luminous flux: 700 lm
- colour: white
- supply cable length: 1.5 m
- power adaptor: 15 V/800 mA
- power adaptor included
- color temperature: 2 700–6 000 K
- dimensions: 430 × 180 mm

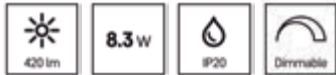
- color rendering index (CRI): Ra >95
- packaging: 1 pc, box



Z7620W 1/-/-2
15 38 185 000 Z7620W

- model: SIMON
- power: 8.3 W
- luminous flux: 420 lm
- colour: black
- supply cable length: 1,3 m
- power adaptor: 13.5 V/1 200 mA
- power adaptor included
- number of LED: 18
- color temperature: 3 000/4 000/5 000 K

- dimensions: 170 × 350 × 390 mm
- USB port
- color rendering index (CRI): Ra >80
- packaging: 1 pc, box



Z7613 1/-/-5
15 38 174 000 Z7613

- model: JAMES
- power: 8 W
- luminous flux: 450 lm
- colour: black
- supply cable length: 1,3 m
- power adaptor: 13.5 V/450 mA
- power adaptor included
- color temperature: 3 000/4 000/6 000 K
- dimensions: 180 × 380 × 420 mm

- USB port
- color rendering index (CRI): Ra >80
- packaging: 1 pc, box



Z7614 1/-/-3
15 38 175 000 Z7614

- model: KAREN
- power: 10 W
- luminous flux: 600 lm
- colour: black
- supply cable length: 1,3 m
- power adaptor: USB cable
- power adaptor included: yes (USB cable)
- color temperature: 3 000/4 000/6 000 K
- dimensions: 200 × 550 × 700 mm

- USB port: no + wireless charging
- color rendering index (CRI): Ra >80
- packaging: 1 pc, box



Z7615 1/-/-5
15 38 176 000 Z7615

- model: STELLA
- power: 6.5 W
- luminous flux: 400 lm
- colour: blue
- supply cable length: 1.7 m
- power adaptor: 12 V/400 mA
- power adaptor included
- number of LED: 12
- color temperature: 4 000 K

- dimensions: 160 × 550 × 345 mm
- color rendering index (CRI): Ra >80
- packaging: 1 pc, box



Z7602BL 1/-/-4
15 38 157 000 Z7602BL

- model: STELLA
- power: 6.5 W
- luminous flux: 400 lm
- colour: pink
- supply cable length: 1.7 m
- power adaptor: 12 V/400 mA
- power adaptor included
- number of LED: 12
- color temperature: 4 000 K

- dimensions: 160 × 550 × 345 mm
- color rendering index (CRI): Ra >80
- packaging: 1 pc, box



Z7602P 1/-/-4
15 38 156 000 Z7602P

- model: STELLA
- power: 6.5 W
- luminous flux: 400 lm
- colour: black
- supply cable length: 1.7 m
- power adaptor: 12 V/400 mA
- power adaptor included
- color temperature: 4 000 K
- dimensions: 160 × 550 × 345 mm

- color rendering index (CRI): Ra >80
- packaging: 1 pc, box



Z7602B 1/-/-/4
15 38 155 000 Z7602B

- model: STELLA
- power: 6.5 W
- luminous flux: 400 lm
- colour: white
- supply cable length: 1.7 m
- power adaptor: 12 V/400 mA
- power adaptor included
- number of LED: 12
- color temperature: 4 000 K

- dimensions: 160 × 550 × 345 mm
- color rendering index (CRI): Ra >80
- packaging: 1 pc, box



Z7602W 1/-/-/4
15 38 154 000 Z7602W

- model: JASMINE
- power: 6,2 W
- luminous flux: 470 lm
- colour: white
- supply cable length: 1.8 m
- power adaptor: 12 V/360 mA
- power adaptor included
- color temperature: 5 000 K
- dimensions: 400 × 300 mm

- color rendering index (CRI): Ra > 85
- packaging: 1 pc, box



Z7595 1/-/-/6
15 38 153 000 Z7595

- model: EDDY
- power: 6 W
- luminous flux: 480 lm
- colour: white
- supply cable length: 1.8 m
- power adaptor: 12 V/0.36 A
- power adaptor included
- number of LED: 24
- color temperature: 3 000/4 500/6 800 K

- dimensions: 170 × 105 × 350 mm
- color rendering index (CRI): Ra > 83
- packaging: 1 pc, box



Z7599W 1/-/-/8
15 38 150 201 Z7599W

- model: EDDY
- power: 6 W
- luminous flux: 480 lm
- colour: black
- supply cable length: 1.8 m
- power adaptor: 12 V/0.36 A
- power adaptor included
- number of LED: 24
- color temperature: 3 000/4 500/6 800 K

- dimensions: 170 × 105 × 350 mm
- color rendering index (CRI): Ra > 83
- packaging: 1 pc, box



Z7599B 1/-/-/8
15 38 150 200 Z7599B

- model: BELLA
- power: 7 W
- luminous flux: 400 lm
- colour: white, black
- supply cable length: 1.8 m
- power adaptor: 12 V/420 mA
- power adaptor included
- number of LED: 42
- color temperature: 4 000 K

- dimensions: 185 × 185 × 420 mm
- color rendering index (CRI): Ra >96
- packaging: 1 pc, box



Z7598 1/-/-2
15 38 150 100 Z7598

- model: BLACK & HOME
- power: 5.5 W
- luminous flux: 360 lm
- colour: black
- supply cable length: 1.8 m
- power adaptor: 12 V/360 mA
- power adaptor included
- number of LED: COB chip
- color temperature: 5 000 K

- dimensions: 120 × 210 × 325
- color rendering index (CRI): Ra >80
- packaging: 1 pc, box



Z7523B 1/-/-6
15 38 090 200 Z7523B

- model: WHITE & HOME
- power: 5.5 W
- luminous flux: 360 lm
- colour: white
- supply cable length: 1.8 m
- power adaptor: 12 V/360 mA
- power adaptor included
- number of LED: COB chip
- color temperature: 5 000 K

- dimensions: 120 × 210 × 325
- color rendering index (CRI): Ra >80
- packaging: 1 pc, box



Z7523W 1/-/-6
15 38 090 100 Z7523W

- model: JULIAN
- colour: black
- supply cable length: 1.5 m
- power adaptor: 220-240 V
- dimensions: 460 × 200 mm
- packaging: 1 pc, box



Z7621B 1/-/-2
15 38 186 000 Z7621B

- model: JULIAN
- colour: white
- supply cable length: 1.5 m
- power adaptor: 220-240 V
- dimensions: 460 × 200 mm
- packaging: 1 pc, box



Z7621W 1/-/-2
15 38 187 000 Z7621W

- model: JULIAN
- colour: blue
- supply cable length: 1.5 m
- power adaptor: 220-240 V
- dimensions: 460 × 200 mm
- packaging: 1 pc, box



Z7621BL

1/-/-2

15 38 188 000

Z7621BL

- model: LUCAS
- colour: dark grey
- supply cable length: 1.5 m
- power adaptor: 220-240 V
- dimensions: 480 × 155 × 330 mm
- packaging: 1 pc, box



Z7609G

1/-/-2

15 38 168 000

Z7609G

- model: LUCAS
- colour: white
- supply cable length: 1.5 m
- power adaptor: 220-240 V
- dimensions: 480 × 155 × 330 mm
- packaging: 1 pc, box



Z7609W

1/-/-2

15 38 169 000

Z7609W

- model: ARTHUR
- colour: dark grey
- supply cable length: 1.8 m
- power adaptor: 220-240 V
- dimensions: 850 × 280 × 1 510 mm
- packaging: 1 pc, box



Z7610

1/-/-1

15 38 170 000

Z7610

- model: HARRY
- colour: dark grey
- supply cable length: 1.5 m
- power adaptor: 220-240 V
- dimensions: 565 × 185 × 560 mm
- packaging: 1 pc, box



Z7611

1/-/-1

15 38 171 000

Z7611

- model: DUSTIN
- colour: black
- supply cable length: 1.5 m
- power adaptor: 220-240 V
- dimensions: 460 × 185 × 455 mm
- packaging: 1 pc, box



Z7612B
15 38 172 000

1/-/-/3
Z7612B

- model: DUSTIN
- colour: white
- supply cable length: 1.5 m
- power adaptor: 220-240 V
- dimensions: 460 × 185 × 455 mm
- packaging: 1 pc, box



Z7612W
15 38 173 000

1/-/-/3
Z7612W

- model: WINSTON
- colour: black
- supply cable length: 1.7 m
- power adaptor: 220-240 V
- power adaptor included
- packaging: 1 pc, box



Z7605
15 38 162 000

1/-/-/4
Z7605

- model: EDWARD
- colour: black
- supply cable length: 1.7 m
- power adaptor: 220-240 V
- power adaptor included
- dimensions: working height: 150 cm
- packaging: 1 pc, box



Z7606
15 38 163 000

1/-/-/4
Z7606

Sensors

- products with PIR and MW technology
- MW sensors are less demanding on placement than PIR
- also function as switches for lights, outdoor floodlights or alarms
- detection angle of either 180° or 360° and range of 6–12 m
- selected products can also send a command to open doors or gate

- detection angle: 360°
- detection distance: 6 m
- switching time: 5 s, 30 s, 1 min, 3 min, 5 min, 8 min
- IP rating: IP20
- sensor type: PIR
- power source: 230 V~/50 Hz
- max. resistive load: 800 W
- packaging: 1 pc, small box

**G1110**

1/-/-/80

14 54 007 100

G1110

- detection angle: 180°
- detection distance: 12 m
- switching time: min. 10 seconds – max. 7 minutes
- IP rating: IP44
- sensor type: PIR
- power source: 230 V~/50 Hz
- max. resistive load: 1200 W
- packaging: 1 pc, small box

**G1120**

1/-/-/40

14 54 007 200

G1120

- detection angle: 180°
- detection distance: 12 m
- switching time: min. 10 seconds – max. 7 minutes
- IP rating: IP44
- sensor type: PIR
- power source: 230 V~/50 Hz
- max. resistive load: 1200 W
- packaging: 1 pc, small box

**G1125**

1/-/-/40

14 54 007 250

G1125

- detection angle: 360°
- detection distance: 6 m
- switching time: min. 10 seconds – max. 7 minutes
- IP rating: IP20
- sensor type: PIR
- power source: 230 V~/50 Hz
- max. resistive load: 1200 W
- packaging: 1 pc, small box

**G1130**

1/-/-/20

14 54 008 100

G1130

- detection angle: 360°
- detection distance: 6 m
- switching time: min. 10 sekunds – max. 15 minutes
- IP rating: IP20
- sensor type: PIR
- power source: 230 V~/50 Hz
- max. resistive load: 2 000 W
- packaging: 1 pc, small box



G1150
14 54 009 200

1/-/-20
G1150

- detection angle: 360°
- detection distance: 6 m
- switching time: min. 10 sekunds – max. 15 minutes
- IP rating: IP20
- sensor type: PIR
- power source: 230 V~/50 Hz
- max. resistive load: 1200 W
- packaging: 1 pc, small box



G1160
14 54 010 100

1/-/-36
G1160

- detection angle: 360°
- detection distance: 8 m
- switching time: min. 10 seconds – max. 12 minutes
- IP rating: IP20
- sensor type: microwave
- power source: 230 V~/50 Hz
- max. resistive load: 1200 W
- packaging: 1 pc, small box



G1180
14 54 012 100

1/-/-24
G1180

- detection angle: 360°
- detection distance: 8 m
- switching time: min. 10 seconds – max. 12 minutes
- IP rating: IP20
- sensor type: microwave
- power source: 230 V~/50 Hz
- max. resistive load: 1200 W
- packaging: 1 pc, small box



G1190
14 54 013 100

1/-/-24
G1190

- detection angle: 360°
- detection distance: 15 m
- switching time: min. 10 seconds – max. 12 minutes
- IP rating: IP20
- sensor type: microwave
- power source: 230 V~/50 Hz
- max. resistive load: 1200 W
- packaging: 1 pc, small box



G1210
14 54 014 100

1/-/-80
G1210

- detection angle: 180°
- detection distance: 12 m
- switching time: min. 10 sekunds – max. 15 minutes
- IP rating: IP65
- sensor type: PIR
- power source: 230 V~/50 Hz
- max. resistive load: 1200 W
- packaging: 1 pc, small box



G1240
14 54 015 100

1/-/-/40
G1240

Luminaires

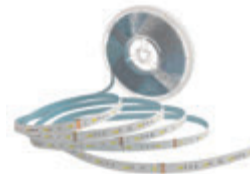
LED strips

LED strips GoSmart

- Remote light on/off
- Brightness, light colour and chromaticity temperature control
- Energy saving with automatic switch-off and dimming options
- Set unique lighting scenes for different activities
- Easy to install and create automations
- Network connectivity using WIFI or Zigbee protocols
- Compatibility with EMOS GoSmart products and TUYA devices
- Voice control with Google Assistant and Amazon Alexa



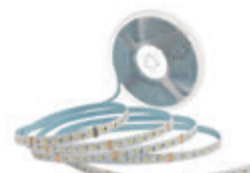
- protocol: WIFI + BLE
- power: 11 W
- luminous flux: 450 lm
- color temperature: 3 000–6 500 K
- light color: warm white–cool white
- luminous efficacy: 38 lm/W
- colour settings (RGB)
- supported OS: iOS, Android
- transmission frequency: 2.4 GHz WiFi
- compatibility: EMOS GoSmart, Tuya, Lidl, Smartlife
- IP rating: IP44
- length: 2 m
- width: 12 mm
- supply line length: 1.55 m



ZPW218R
15 51 021 800

1/-/-/10
ZPW218R

- protocol: WIFI + BLE
- power: 18 W
- luminous flux: 1 400 lm
- color temperature: 3 000–6 500 K
- light color: warm white–cool white
- luminous efficacy: 72 lm/W
- colour settings (RGB)
- supported OS: iOS, Android
- transmission frequency: 2.4 GHz WiFi
- compatibility: EMOS GoSmart, Tuya, Lidl, Smartlife
- IP rating: IP44
- length: 2 m
- width: 10 mm
- supply line length: 1.55 m

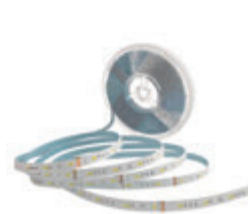


ZPW252R
15 51 025 200

1/-/-/10
ZPW252R

- protocol: WiFi + BLE
- power: 22 W
- luminous flux: 1 000 lm
- color temperature: 3 000–6 500 K
- light color: warm white–cool white
- luminous efficacy: 42 lm/W
- colour settings (RGB)
- supported OS: iOS, Android
- transmission frequency: 2.4 GHz WiFi

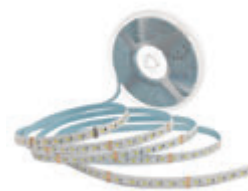
- compatibility: EMOS GoSmart, Tuya, Lidl, Smartlife
- IP rating: IP44
- length: 5 m
- width: 12 mm
- supply line length: 1.55 m



ZPW518R 1/-/-/10
15 51 051 800 ZPW518R

- protocol: WiFi + BLE
- power: 34 W
- luminous flux: 2 500 lm
- color temperature: 3 000–6 500 K
- light color: warm white–cool white
- luminous efficacy: 68 lm/W
- colour settings (RGB)
- supported OS: iOS, Android
- transmission frequency: 2.4 GHz WiFi

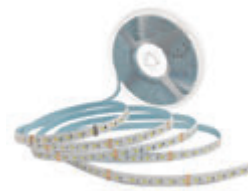
- compatibility: EMOS GoSmart, Tuya, Lidl, Smartlife
- IP rating: IP44
- length: 5 m
- width: 10 mm
- supply line length: 1.55 m



ZPW52R 1/-/-/10
15 51 055 200 ZPW52R

- protocol: WiFi + BLE
- power: 18 W
- luminous flux: 1 400 lm
- color temperature: 3 000–6 500 K
- light color: warm white–cool white
- luminous efficacy: 72 lm/W
- colour settings (RGB)
- supported OS: iOS, Android
- transmission frequency: 2.4 GHz WiFi

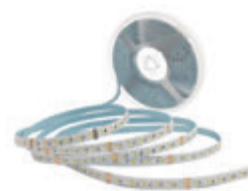
- compatibility: EMOS GoSmart, Tuya, Lidl, Smartlife
- IP rating: IP44
- length: 2 m
- width: 10 mm
- supply line length: 1.55 m



ZPZ252R 1/-/-/10
15 51 125 200 ZPZ252R

- protocol: WiFi + BLE
- power: 34 W
- luminous flux: 2 500 lm
- color temperature: 3 000–6 500 K
- light color: warm white–cool white
- luminous efficacy: 68 lm/W
- colour settings (RGB)
- supported OS: iOS, Android
- transmission frequency: 2.4 GHz WiFi

- compatibility: EMOS GoSmart, Tuya, Lidl, Smartlife
- IP rating: IP44
- length: 5 m
- width: 10 mm
- supply line length: 1.55 m



























ZPZ52R 1/-/-/10
15 51 155 200 ZPZ52R


Decorations

Decorations



Party

<p>DCPW01</p> <p>15 50 000 000</p>  <p>8 592920 093207</p> <ul style="list-style-type: none"> product: garland light color: warm white dimensions: 5 m area of use: both outdoor and indoor timer: no remote control: no 	<p>1/-/-/10</p> <p>ZY1939</p>    <ul style="list-style-type: none"> number of LED: 50 supply line length: 5 m power: 5 W IP rating: IP44 lifetime: 10 000 hours 	<p>DCPW02</p> <p>15 50 000 001</p>  <p>8 592920 093214</p> <ul style="list-style-type: none"> product: garland light color: warm white dimensions: 5 m area of use: both outdoor and indoor timer: no remote control: no 	<p>1/-/-/6</p> <p>ZY2053</p>    <ul style="list-style-type: none"> number of LED: 50 supply line length: 5 m power: 6 W IP rating: IP44 lifetime: 10 000 hours
<p>DCPV01</p> <p>15 50 001 023</p>  <p>8 592920 099070</p> <ul style="list-style-type: none"> product: garland light color: vintage dimensions: 4.5 m area of use: both outdoor and indoor timer: no remote control: no 	<p>1/-/-/8</p> <p>DCPV01</p>    <ul style="list-style-type: none"> number of LED: 100 supply line length: 5 m power: 5 W IP rating: IP44 lifetime: 10 000 hours 	<p>DCPM01</p> <p>15 50 004 000</p>  <p>8 592920 094013</p> <ul style="list-style-type: none"> product: garland light color: multicolor dimensions: 5 m area of use: both outdoor and indoor timer: no remote control: no 	<p>1/-/-/6</p> <p>ZY1938</p>    <ul style="list-style-type: none"> number of LED: 50 supply line length: 5 m power: 6 W IP rating: IP44 lifetime: 10 000 hours
<p>DCPZ01</p> <p>15 50 005 000</p>  <p>8 592920 094020</p> <ul style="list-style-type: none"> dimensions: 7.35 m area of use: both outdoor and indoor timer: no remote control: no supply line length: 5 m power: 750 W max. 	<p>1/-/-/2</p> <p>ZY2293</p>    <ul style="list-style-type: none"> IP rating: IP44 lifetime: 10 000 hours 	<p>DCPZ02</p> <p>15 50 005 001</p>  <p>8 592920 094037</p> <ul style="list-style-type: none"> dimensions: 7.35 m area of use: both outdoor and indoor timer: no remote control: no power: 750 W max. IP rating: IP44 	<p>1/-/-/2</p> <p>ZY2294</p>    <ul style="list-style-type: none"> lifetime: 10 000 hours

DCPW04 1/-/-/6
15 50 005 016 DCPW04




8 592920 099551






- product: garland
- light color: warm white
- dimensions: 7.6 m
- area of use: both outdoor and indoor
- timer: no
- remote control: no
- number of LED: 16
- supply line length: 5 m
- power: 6 W
- IP rating: IP44
- lifetime: 10 000 hours

DCPW07 1/-/-/6
15 50 005 019 DCPW07




8 592920 110829



- product: garland
- light color: warm white
- dimensions: 7.6 m
- area of use: both outdoor and indoor
- timer: no
- remote control: no
- number of LED: 20
- supply line length: 5 m
- power: 6 W
- IP rating: IP44
- lifetime: 10 000 hours

Lantern

DCLV01 1/-/-/15
15 50 001 013 ZY2114




8 592920 093771






- product: lantern
- light color: vintage
- dimensions: 10.5 × 24 cm
- area of use: indoor
- timer
- remote control: no
- number of LED: 1
- power: 0.06 W
- IP rating: IP20
- lifetime: 10 000 hours

DCLV02 1/-/-/15
15 50 001 014 ZY2115




8 592920 093788



- product: lantern
- light color: vintage
- dimensions: 10.5 × 24 cm
- area of use: indoor
- timer
- remote control: no
- number of LED: 1
- power: 0.06 W
- IP rating: IP20
- lifetime: 10 000 hours

LED candles

DCCV06 1/-/-/8
15 50 001 005 ZY2141




8 592920 093696






- product: candle
- light color: vintage
- dimensions: 7.5 × 10/12.5/15 cm
- area of use: indoor
- timer
- remote control: yes (CR2032)
- number of LED: 3 × 1
- power: 0.06 W
- IP rating: IP20
- lifetime: 10 000 hours

DCCV07 1/-/-/8
15 50 001 006 ZY2143







8 592920 093702





- product: candle
- light color: vintage
- dimensions: 7.5 × 10/12.5/15 cm
- area of use: indoor
- timer
- remote control: yes (CR2032)
- number of LED: 3 × 1
- power: 0.06 W
- IP rating: IP20
- lifetime: 10 000 hours

DCCV15 1/-/-/4
15 50 001 022 DCCV15





- product: candle
- light color: vintage
- dimensions: 7.5 × 10/12.5/15 cm
- area of use: indoor
- timer
- remote control: no
- number of LED: 3 × 1
- power: 3 × 0.06 W
- IP rating: IP20
- lifetime: 10 000 hours

DCCV11 6/-/-/216
15 50 001 010 ZY2149





- product: candle
- light color: vintage
- dimensions: 3.8 × 3.8 cm
- area of use: indoor
- timer: no
- remote control: no
- number of LED: 6 × 1
- power: 0.06 W
- IP rating: IP20
- lifetime: 10 000 hours

DCCV12 6/-/-/216
15 50 001 011 ZY2150





- product: candle
- light color: vintage
- dimensions: 3.8 × 3.8 cm
- area of use: indoor
- timer: no
- remote control: no
- number of LED: 6 × 1
- power: 0.06 W
- IP rating: IP20
- lifetime: 10 000 hours

DCCV13 6/-/-/216
15 50 001 012 ZY2151





- product: candle
- light color: vintage
- dimensions: 3.8 × 3.8 cm
- area of use: indoor
- timer: no
- remote control: no
- number of LED: 6 × 1
- power: 0.06 W
- IP rating: IP20
- lifetime: 10 000 hours

DCCV19 1/-/-/35
15 50 000 056 ZY2371T





- product: grave candle
- light color: warm white
- dimensions: 7 × 12.5 cm
- area of use: both outdoor and indoor
- timer
- remote control: no
- number of LED: 1
- power: 0.06 W
- IP rating: IP44
- lifetime: 10 000 hours

DCCV20 1/-/-/35
15 50 000 057 ZY2372





- product: grave candle
- light color: warm white
- dimensions: 7 × 12.5 cm
- area of use: both outdoor and indoor
- timer: sensor
- remote control: no
- number of LED: 1
- power: 0.06 W
- IP rating: IP44
- lifetime: 10 000 hours

DCCV21 1/-/-/24
15 50 001 024 DCCV21

- product: grave candle
- light color: vintage
- dimensions: 7 × 12.5 cm
- area of use: both outdoor and indoor
- timer
- remote control: no
- number of LED: 1
- power: 0.06 W
- IP rating: IP44
- lifetime: 10 000 hours

DCCV22 1/-/-/24
15 50 001 029 DCCV22

- product: grave candle
- light color: vintage
- dimensions: 7.5 × 25 cm
- area of use: both outdoor and indoor
- timer: no
- remote control: no
- number of LED: 1
- power: 0.06 W
- IP rating: IP44
- lifetime: 1 500 hours

Weather stations, thermometers, scales, others



Weather stations

Weather stations

- can assess current weather and forecast
- display temperature and humidity (in and out), time and date
- wireless comm. with up to 3 sensors (powered by AA or AAA)
- large colour display, LED backlight (perm/temp) & projector
- with stand/for hanging on the wall, battery or mains powered

clock: wifi = LED backlight display = the possibility of hanging on the wall = time zones = date = calendar = alarm clock = outdoor temperature: -40 °C to +70 °C, resolution 0.1 °C = indoor temperature: -10 °C to +50 °C, resolution 0.1 °C = outdoor humidity: 1 % až 99 % RV, resolution 1 % = indoor humidity: 1 % to 99 % RH, resolution 1 % = min. and max. temperature = weather forecast = temperature warning = barometer = altitude adjustment = moon phase = range of the sensor: up to 50 m = power of sensor: 1× 3.7 V 4 400 mAh Li-ion 21700T = power of station: 3× 1.5 V AAA (not included) = AC adapter: yes, 5 V DC/1 200 mA (included) = main unit size: 30 × 215 × 173 mm



E5059

1/-/-1

26 06 171 000

E5059

clock: DCF (radio controlled clock) = LED backlight display = the possibility of hanging on the wall = time zones = date = calendar = alarm clock: yes, 2× = outdoor temperature: -30 °C to +60 °C, resolutions 0.1 °C = indoor temperature: -10 °C to +50 °C, resolution 0.1 °C = outdoor humidity: 1 % až 99 % RV, resolution 1 % = indoor humidity: 1 % to 99 % RH, resolution 1 % = min. and max. temperature = weather forecast = temperature warning = pressure trend = barometer = altitude adjustment = moon phase = range of the sensor: up to 100 m = possible additional sensor: up to 3 temperature and humidity sensors (E06018), 1 anemometer sensor (E06016) = power of sensor: 4× 1.5 V AA (not included) = power of station: 3× 1.5 V AAA (not included) = AC adapter: yes, 5 V DC/300 mA (included) = main unit size: 17 × 192 × 127 mm



E6016

1/-/-1

26 06 164 000

E6016

clock: DCF (radio controlled clock) = color backlight display (Black Mask) = date = calendar = alarm clock: yes, 2x = outdoor temperature: -20 °C to +60 °C, resolution 0.1 °C = indoor temperature: -5 °C to +50 °C, resolution 0.1 °C = min. and max. temperature = weather forecast = range of the sensor: up to 30 m = possible additional sensor: 3 (E08400) = power of sensor: 2x 1.5 V AA (not included) = power of station: 1x CR2032 (included) = AC adapter: yes, 4.5 V DC/300 mA (included) = main unit size: 56 x 163 x 80 mm



E8466 1/-/-/8
26 06 150 000 E8466

clock: DCF (radio controlled clock) = LED backlight display = the possibility of hanging on the wall = color backlight display (Black Mask) = time zones = date = calendar = alarm clock: yes, 2x = outdoor temperature: -40 °C to +70 °C, resolution 0.1 °C = indoor temperature: -10 °C to +50 °C, resolution 0.1 °C = outdoor humidity: 20 % to 95 % RH, resolution 1 % = indoor humidity: 1 % to 99 % RH, resolution 1 % = min. and max. temperature = weather forecast = pressure trend = barometer = moon phase = range of the sensor: up to 50 m = possible additional sensor: 3 (E05018) = wired probe for sensor = power of sensor: 2x 1.5 V AAA (not included) = power of station: 3x 1.5 V AAA (not included) = AC adapter: yes, 5 V DC/600 mA (included) = main unit size: 26 x 197 x 125 mm



E5111 1/-/-/8
26 06 170 000 E5111

clock: DCF (radio controlled clock) = LED backlight display = the possibility of hanging on the wall = color backlight display (Black Mask) = time zones = date = calendar = alarm clock: yes, 2x = outdoor temperature: -50 °C to +70 °C, resolution 0.1 °C = indoor temperature: -10 °C to +50 °C, resolution 0.1 °C = outdoor humidity: 1 % až 99 % RH, resolution 1 % = indoor humidity: 1 % to 99 % RH, resolution 1 % = min. and max. temperature = weather forecast = temperature warning = pressure trend = barometer = altitude adjustment = moon phase = range of the sensor: up to 100 m = possible additional sensor: 3 (E06018) = power of sensor: 2x 1.5 V AAA (not included) = power of station: 3x 1.5 V AAA (not included) = AC adapter: yes, 5 V DC/300 mA (included) = main unit size: 17 x 192 x 127 mm



E6018 1/-/-/12
26 06 162 000 E6018

clock: DCF (radio controlled clock) = LED backlight display = the possibility of hanging on the wall = time zones = date = calendar = alarm clock: yes, 2x = outdoor temperature: -40 °C to +70 °C, resolution 0.1 °C = indoor temperature: -10 °C to +50 °C, resolution 0.1 °C = outdoor humidity: 20 % to 95 % RH, resolution 1 % = indoor humidity: 1 % to 99 % RH, resolution 1 % = min. and max. temperature = weather forecast = pressure trend = barometer = altitude adjustment = range of the sensor: up to 30 m = possible additional sensor: 3 (E05018) = wired probe for sensor = power of sensor: 2x 1.5 V AAA (not included) = power of station: 3x 1.5 V AAA (not included) = main unit size: 27 x 130 x 130 mm



E5080 1/-/-/12
26 06 169 000 E5080

clock: DCF (radio controlled clock) = LED backlight display = time zones = date = calendar = alarm clock = outdoor temperature: -50 °C to +70 °C, resolution 0.1 °C = indoor temperature: -10 °C to +50 °C, resolution 0.1 °C = outdoor humidity: 20 % to 95 %, resolution 1 % = indoor humidity: 20 % to 95 %, resolution 1 % = min. and max. temperature = weather forecast = temperature warning = moon phase = range of the sensor: up to 30 m = possible additional sensor: 3 (E05018) = power of sensor: 2x 1.5 V AAA (not included) = power of station: 2x 1.5 V AA (not included) = main unit size: 50 x 120 x 180 mm



E3003 1/-/-/10
26 06 153 000 E3003

clock: DCF (radio controlled clock) = LED backlight display = time zones = date = calendar = alarm clock = outdoor temperature: -30 °C to +60 °C, resolutions 0.1 °C = indoor temperature: 0 °C to +50 °C, resolution 0.1 °C = indoor humidity: 20 % to 90 % RH, resolution 1 % = weather forecast = moon phase = range of the sensor: up to 30 m = possible additional sensor: 3 (E03070) = power of sensor: 2× 1.5 V AAA (not included) = power of station: 3× 1.5 V AAA (not included) = main unit size: 52 × 139 × 100 mm



E3070
26 06 139 000

1/-/-18
E3070



clock: DCF (radio controlled clock) = the possibility of hanging on the wall = time zones = date = calendar = alarm clock = outdoor temperature: -40 °C to +60 °C, resolution 0.1 °C = indoor temperature: -10 °C to +50 °C, resolution 0.1 °C = outdoor humidity: 20 % to 95 % RH, resolution 1 % = indoor humidity: 1 % to 99 % RH, resolution 1 % = min. and max. temperature = weather forecast = moon phase = range of the sensor: up to 30 m = possible additional sensor: 3 (E05018) = power of sensor: 2× 1.5 V AA (not included) = power of station: 2× 1.5 V AAA (not included) = main unit size: 23 × 76 × 126 mm



E0352
26 06 166 000

1/-/-20
E0352



clock: yes, quartz = date = calendar = alarm clock = outdoor temperature: -50 °C to +70 °C, resolution 0.1 °C = indoor temperature: -10 °C to +50 °C, resolution 0.1 °C = indoor humidity: 20 % to 95 % RH, resolution 1 % = min. and max. temperature = weather forecast = moon phase = wired probe for sensor: 1.9 m = power of station: 2× LR1130 (included) = main unit size: 16 × 70 × 109 mm



E0117N
26 06 003 000

1/-/-80
E0117N



clock: yes, quartz = LED backlight display = the possibility of hanging on the wall = color backlight display (Black Mask) = alarm clock = outdoor temperature: -50 °C to +70 °C, resolution 0.1 °C = indoor temperature: -10 °C to +50 °C, resolution 0.1 °C = outdoor humidity: 20 % to 95 % RH, resolution 1 % = indoor humidity: 20 % to 95 % RH, resolution 1 % = min. and max. temperature = weather forecast = range of the sensor: up to 50 m = power of sensor: 2× 1.5 V AAA (not included) = power of station: 2× 1.5 V AAA (not included) = AC adapter: yes, micro USB 5 V/1 A (not included) = main unit size: 20 × 85 × 96 mm



E8647
26 06 172 000

1/-/-20
E8647



clock: DCF (radio controlled clock) = LED backlight display = the possibility of hanging on the wall = time zones = date = calendar = alarm clock = outdoor temperature: -20 °C to +60 °C, resolution 0.1 °C = indoor temperature: 0 °C to +50 °C, resolution 0.1 °C = outdoor humidity: 20 % to 99 % RH, resolution 1 % = indoor humidity: 20 % to 99 % RH, resolution 1 % = min. and max. temperature = weather forecast = barometer = moon phase = range of the sensor: up to 60 m = possible additional sensor: 3 (E05018) = power of sensor: 2× 1.5 V AAA (not included) = power of station: 3× 1.5 V AA (not included) = main unit size: 30 × 166 × 131 mm



E0316
26 06 173 000

1/-/-8
E0316



clock: DCF (radio controlled clock) = LED backlight display = the possibility of hanging on the wall = color backlight display (Black Mask) = time zones = date = calendar = alarm clock = outdoor temperature: -30 °C to +60 °C, resolutions 0.1 °C = indoor temperature: -10 °C to +50 °C, resolution 0.1 °C = outdoor humidity: 10 % to 99 % RH, resolution 1 % = indoor humidity: 10 % to 99 % RH, resolution 1 % = min. and max. temperature = weather forecast = temperature warning = barometer = range of the sensor: up to 50 m = power of sensor: 2× 1.5 V AA (not included) = power of station: 3× 1.5 V AAA (not included) = AC adapter: yes, 5 V DC/1 000 mA (included) = main unit size: 29 × 205 × 127 mm



E8670
26 06 174 000

1/-/-/6
E8670

clock: DCF (radio controlled clock) = LED backlight display = the possibility of hanging on the wall = color backlight display (Black Mask) = time zones = date = calendar = alarm clock = outdoor temperature: -40 °C to +60 °C, resolution 0.1 °C = indoor temperature: -10 °C to +50 °C, resolution 0.1 °C = outdoor humidity: 1 % až 99 % RV, resolution 1 % = indoor humidity: 1 % to 99 % RH, resolution 1 % = min. and max. temperature = weather forecast = temperature warning = pressure trend = barometer = moon phase = range of the sensor: up to 80 m = possible additional sensor: 3 (E00387) = power of sensor: 2× 1.5 V AA (not included) = power of station: 3× 1.5 V AA (not included) = AC adapter: yes, 5 V DC/1 200 mA (included) = main unit size: 30 × 200 × 130 mm



E0387
26 06 176 000

1/-/-/8
E0387

clock: wifi = LED backlight display = the possibility of hanging on the wall = color backlight display (Black Mask) = date = calendar = alarm clock = outdoor temperature: based on data from the server = indoor temperature: -10 °C to +50 °C, resolution 0.1 °C = outdoor humidity: based on data from the server = indoor humidity: 10 % to 99 % RH, resolution 1 % = min. and max. temperature = weather forecast = barometer = power of station: 3× 1.5 V AA (not included) = AC adapter: yes, 5 V DC/1 200 mA (included) = main unit size: 29 × 200 × 130 mm



E0389
26 06 177 000

1/-/-/8
E0389

Thermometers

- displays indoor & outdoor temperature, some also humidity
- wireless or with probe (wire-connected, out the window)
- measures indoor humidity via integrated sensor in the body
- selected models also feature calendar, alarm and ice warning
- hung on wall or window, thermometer & probe battery-powered

thermometer design: wireless = clock: DCF (radio controlled clock) = LED backlight display = time zones = indoor temperature: -9 °C to +50 °C, resolution 0.1 °C = outdoor temperature: -50 °C to +70 °C, resolution 0.1 °C = min. and max. temperature = range in open space: up to 60 m = possible additional sensor: 1 (E05018) = the possibility of hanging on the wall = power of station: 2× 1.5 V AAA (not included) = power of sensor: 2× 1.5 V AAA (not included) = main unit size: 25 × 82 × 152 mm = sensor size: 27 × 60 × 95 mm = screen size: 54 × 74 mm



E0107
26 03 115 000

1/-/-/24
E0107T

thermometer design: wireless = indoor temperature: -10 °C to +50 °C, resolution 0.1 °C = outdoor temperature: -30 °C to +50 °C, resolutions 0,1 °C = min. and max. temperature = range in open space: up to 80 m = possible additional sensor: 1 (E05018) = the possibility of hanging on the wall = power of station: 2× 1.5 V AAA (not included) = power of sensor: 2× 1.5 V AAA (not included) = main unit size: 91,8 × 20 × 91,8 mm = sensor size: 31 × 19 × 100 mm = screen size: Ø 64 mm



E0129
26 03 119 002

1/-/-/20
E0129



thermometer design: wireless = indoor temperature: 0 °C to +60 °C, resolution 0.1 °C = outdoor temperature: -40 °C to +60 °C, resolution 0.1 °C = range in open space: up to 100 m = the possibility of hanging on the wall = power of station: 2× 1.5 V AAA (not included) = power of sensor: 2× 1.5 V AAA (not included) = main unit size: 18 × 56 × 85 mm = sensor size: 20 × 49 × 68 mm = screen size: 34 × 39 mm



E0042
26 03 118 000

1/-/-/30
E0042



thermometer design: wireless = clock: DCF (radio controlled clock) = LED backlight display = time zones = date = alarm clock = snooze = indoor temperature: 0 °C to +50 °C, resolution 0.1 °C = outdoor temperature: -20 °C to +60 °C, resolutions 0.1 °C = min. and max. temperature = range in open space: up to 30 m = possible additional sensor: 1 (E05018) = power of station: 2× 1.5 V AAA (not included) = power of sensor: 2× 1.5 V AAA (not included) = main unit size: 30 × 78 × 78 mm = sensor size: 25 × 60 × 95 mm = screen size: 46 × 49 mm



E0127
26 03 121 000

1/-/-/18
E0127



thermometer design: wire = indoor temperature: -10 °C to +50 °C, resolution 1 °C = indoor humidity: 20 % to 99 % RH, resolution 1 % = outdoor temperature: -50 °C to +70 °C, resolution 1 °C = min. and max. temperature = temperature warning = temperature index = wired probe for sensor: 2 m = the possibility of hanging on the wall = power of station: 2× 1.5 V AAA (not included) = main unit size: 22 × 106 × 117 mm = screen size: 64 × 76 mm



E8471
26 03 014 000

1/-/-/40
RS8471



thermometer design: wire = indoor temperature: 0 °C to +60 °C, resolution 0.1 °C = outdoor temperature: -40 °C to +60 °C, resolution 0.1 °C = wired probe for sensor: 2 m = the possibility of hanging on the wall = power of station: 2× 1.5 V AAA (not included) = main unit size: 18 × 57 × 85 mm = screen size: 34 × 40 mm



E0041
26 03 013 000

1/-/-/30
E0041



thermometer design: wireless = clock: yes, quartz = LED backlight display = date = alarm clock = snooze = indoor temperature: 0 °C to +50 °C, resolution 0.1 °C = indoor humidity: 20 % to 90 % RH, resolution 1 % = min. and max. temperature = power of station: 1× 1.5 V AA (not included) = main unit size: 37 × 93 × 93 mm = screen size: 60 × 65 mm



E0114
26 03 117 000

1/5-/50
E0114



thermometer design: wire = clock = alarm clock = snooze = indoor temperature: 0 °C to +50 °C, resolution 0.1 °C = indoor humidity: 25 % to 95 % RH, resolution 1 % = outdoor temperature: -40 °C to +60 °C, resolution 0.1 °C = min. and max. temperature = wired probe for sensor: 2.9 m = the possibility of hanging on the wall = power of station: 1× 1.5 V AAA (not included) = main unit size: 23 × 76 × 107 mm = screen size: 46 × 61 mm



E0121
26 03 016 001

1/-/-20
E0121



thermometer design: wire = indoor temperature: 0 °C to +60 °C, resolution 0.1 °C = outdoor temperature: -40 °C to +60 °C, resolution 0.1 °C = min. and max. temperature = wired probe for sensor: 0.9 m = the possibility of hanging on the wall = power of station: 2× 1.5 V AAA (not included) = main unit size: 19 × 58 × 75 mm = screen size: 41 × 52 mm



E0422
26 03 016 002

1/-/-30
E0422



thermometer design: wireless = clock: yes, quartz = LED backlight display = alarm clock = snooze = indoor temperature: 0 °C to +50 °C, resolution 0.1 °C = outdoor temperature: -30 °C to +60 °C, resolutions 0.1 °C = min. and max. temperature = range in open space: up to 50 m = possible additional sensor: 3 (E05018) = the possibility of hanging on the wall = power of station: 2× 1.5 V AAA (not included) = power of sensor: 2× 1.5 V AAA (not included) = main unit size: 21 × 80 × 110 mm = sensor size: 25 × 50 × 95 mm = screen size: 53 × 81 mm



E8636
26 03 119 003

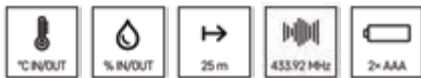
1/-/-32
E8636



Spare sensors

- wireless sensors and wired probes for EMOS weather stations
- measure outdoor temperature and humidity (-50 to +70 °C)
- range of up to 25–100 m in an open area

designed for the type of main unit: AOK-5018B, AOK-5060, S627BS, IB303TR, E0107T, IW001-DCF, IW003-DCF, E5068, E5062, E5063, E3078, E3028, E0300, E8236, E0211, E3010, E0127, E0329, E5005, E3003, E0107, E0129, E5101, E5010, E0352, E5059, E5111, E8636, E0316 = indicator of outdoor humidity: 20 % to 95 % RH, resolution 1 % = range in open space: up to 25 m = external wire sensor = operating temperature: -50 °C to +70 °C, resolution 0.1 °C = power source: 2× 1.5 V AAA (not included) = dimensions: 21 × 60 × 100 mm



E05018 1/-/-/100
26 93 000 120 AOK2011

designed for the type of main unit: E3070 = range in open space: up to 30 m = operating temperature: -30 °C to +60 °C, resolution 0.1 °C = power source: 2× 1.5 V AAA (not included) = dimensions: 84 × 64 × 25 mm



E3070 1/-/-/100
26 93 000 180 E03070

designed for the type of main unit: C8403D, C8404C, C8405D, E8468, E8466 = indicator of outdoor humidity: 20 % to 90 % RH, resolution 1 % = range in open space: up to 50 m = operating temperature: -40 °C to +70 °C, resolution 0.1 °C = power source: 2× 1.5 V AA (not included) = dimensions: 64 × 100 × 35 mm



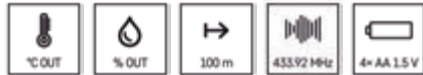
E08400 1/-/-/50
26 93 000 160 C8340C

designed for the type of main unit: E6018, E6016 = indicator of outdoor humidity: 1 % to 99 % RH, resolution 1 % = range in open space: up to 100 m = operating temperature: -50 °C to +70 °C, resolution 0.1 °C = power source: 2× 1.5 V AAA (not included) = dimensions: 15 × 62 × 100 mm



E06018 1/-/-/100
26 93 000 220 E06018

designed for the type of main unit: E6016 = indicator of outdoor humidity: 1 % to 99 % RH, resolution 1 % = range in open space: up to 100 m = operating temperature: -30 °C to +60 °C, resolution 0.1 °C = power source: 4× 1.5 V AA (not included) = dimensions: 275 × 135 × 310 mm



E06016	1/-/-/1
26 93 000 230	E06016

Kitchen, hanging scales

- digital kitchen scales with load capacity of up to 5–15 kg
- ability to switch between units (g, kg, ml, lb, oz)
- with and without backlit screen
- powered by AAA or button batteries (CR2032)
- battery-free scales – turning wheel charges up for 2 minutes
- ABS plastic, toughened glass or stainless surface
- with tare and overload function
- digital hanging scales, 50 kg capacity (for fish or luggage)

- scale surface: tempered glass
- tare function
- maximum load: 5 kg
- weight units: g, oz, lb, kg
- power source: 1× 3 V CR2032 (included)
- dimensions: 15 × 152 × 219 mm



EV014	1/-/-/20
26 17 001 400	TY3101

- scale surface: tempered glass
- tare function
- maximum load: 5 kg
- weight units: g, oz, lb, kg
- power source: 1× 3 V CR2032 (included)
- dimensions: 15 × 152 × 219 mm



EV014B	1/-/-/20
26 17 001 401	TY3101B

- backlight display
- scale surface: ABS plastic
- tare function
- maximum load: 5 kg
- weight units: g, oz, lb, kg, ml
- power source: 2× 1.5 V AAA (not included)
- dimensions: 20 × 198 × 223 mm



EV025	1/-/-/6
26 17 002 500	EV025

- backlight display
- scale surface: ABS plastic
- tare function
- maximum load: 5 kg
- weight units: g, kg, lb, oz
- power source: 2× 1.5 V AAA (not included)
- dimensions: 49 × 150 × 218 mm



EV016
26 17 001 600

1/-/-/6
GP-KS021

- backlight display
- scale surface: tempered glass
- tare function
- maximum load: 15 kg
- weight units: g, kg, lb, oz
- power source: 2× 1.5 V AAA (included)
- dimensions: 22 × 180 × 210 mm



EV022
26 17 002 200

1/-/-/12
EV022

- backlight display
- scale surface: stainless steel
- tare function
- maximum load: 5 kg
- weight units: g, oz, lb, kg
- power source: 2× 3 V CR2032 (included)
- dimensions: 15 × 163 × 221 mm



EV012
26 17 001 200

1/-/-/12
PT-836

- backlight display
- scale surface: stainless steel
- tare function
- maximum load: 15 kg
- weight units: g, kg, lb, oz
- power source: 2× 1.5 V AAA (not included)
- dimensions: 15 × 176 × 216 mm



EV023
26 17 002 300

1/-/-/20
EV023

- backlight display
- scale surface: stainless steel
- tare function
- maximum load: 10 kg
- weight units: g, kg, ml, oz, lb, tl
- power source: 2× 1.5 V AAA (included)
- dimensions: 15 × 153 × 212 mm



EV026
26 17 000 500

1/-/-/20
EV026

- scale surface: stainless steel
- tare function
- maximum load: 10 kg
- weight units: g, kg, ml, oz, lb, tl
- power source: 2× 1.5 V AAA (included)
- dimensions: 20 × 152 × 204 mm



EV027
26 17 000 600

1/-/-/20
EV027

- scale surface: ABS plastic + aluminium (Al)
- tare function
- maximum load: 50 kg
- weight units: kg, lb
- power source: 1× 3 V CR2032 (included)
- dimensions: 31 × 40 × 148 mm



EV020
26 17 002 000

1/-/-/40
EV020

- scale surface: ABS plastic
- tare function
- maximum load: 5 kg
- weight units: g, oz, lb, oz, ml, fl:oz
- power source: 1× 3 V CR2032 (included)
- dimensions: 15 × 176 × 216 mm



EV028
26 17 002 800

1/-/-/40
EV028

Kitchen timers

- serves as a timer (countdown) and stopwatch (counts from 0)
- triggers audio alert once time limit expires
- selected models even allow 2 counts at the same time
- fitted with magnet for mounting on a fridge/adjustable stand
- draws power from AAA or button battery

- countdown of time max. from: 99 min. 59 sec.
- stopwatch
- memory of the last value
- magnet for fixing
- power source: 1× 1.5 V LR1130 (included)
- dimensions: 7 × 55 × 70 mm
- packaging: 1 pc, blister



E0202
26 05 004 000

1/-/10/100
TP202

- thermometer design: wire
- stopwatch
- magnet for fixing
- countdown of time max. from: 99 min. 59 sec.
- memory of the last value
- outdoor temperature: -20 °C to +250 °C, res. 1 °C
- temperature warning
- wired probe for sensor: 1.4 m
- the possibility of hanging on the wall
- power of station: 1× 1.5 V AAA (not included)
- main unit size: 18 × 65 × 70 mm
- screen size: 47 × 21 mm



E2157
26 03 015 000

1/-/10/40
E2157

Personal scales

- modern look complements a bathroom and helps you keep fit
- ensures healthy weight loss by measuring fat, water & muscle
- memory for 10–13 people (stores height, weight, age and sex)
- draws power from AAA or button batteries (CR2032)
- toughened glass can carry 150–180 kg (depending on model)

- backlight display
- scale surface: tempered glass
- maximum load: 150 kg
- BMI – measurement of fat, water and muscle
- weight units: kg, lb, St
- memory: 10 persons max.
- power source: 2× 1.5 V AAA (included)
- dimensions: 20 × 330 × 320 mm



EV104
26 17 010 400

1/-/-/6
PT-718

- scale surface: tempered glass
- maximum load: 180 kg
- weight units: kg, lb, St
- power source: 2× 1.5 V AAA (included)
- dimensions: 20 × 300 × 340 mm



EV110
26 17 010 901

1/-/-/6
EV110

- backlight display
- scale surface: tempered glass
- maximum load: 180 kg
- weight units: kg, lb, St
- power source: 2× 1.5 V AAA (included)
- dimensions: 25 × 280 × 280 mm



EV106
26 17 010 600

1/-/-/5
EV106



- scale surface: tempered glass
- maximum load: 180 kg
- weight units: kg, lb, St
- power source: 1× 3 V CR2032 (included)
- dimensions: 20 × 300 × 300 mm



EV105
26 17 010 500

1/-/-/6
TY6108

TV and audio accessories



Multimedia players, radios

- wirelessly connects to Bluetooth devices (phone, tablet...)
- crystal clear sound, long battery run time and USB charging
- selected models also have a micro SD card slot or radio port
- can be used as handsfree (in car, kitchen) due to microphone
- also, portable FM radios with slot for SD card and USB

tuner frequency: FM 88–108 MHz = USB input = slot for microSD card = MP3 support = headphone output = power supply: 5 V/micro USB (not included) = antenna: telescopic antenna = speaker: 50 mm/4 Ohm/3 W = dimensions: 125 × 30 × 70 mm = packaging: 1 pc, box

**E0086**

1/-/-/32

26 18 002 600

EM-213

TV wall mounts

- fixed, tilting and bracket mounts for TVs of various sizes
- meet strictest rigidity, load and variability requirements
- in various sizes, load capacity up to 95 kg
- installation material for standard wall types included

holder type: tilting = acceptable screen diagonals: 37–65" (94–165 cm) = min. VESA mounting dimensions: 200 × 200 mm = max. VESA mounting dimensions: 600 × 400 mm = tilt: -10° = distance from a wall: 37 mm = max. load capacity (kg): 50 = dimensions: 20 × 650 × 140 mm = packaging: 1 pc, paper box

**KT2265**

1/-/-/6

32 32 226 500

BETA 600X

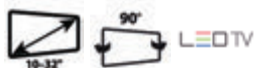
holder type: tilting = acceptable screen diagonals: 32-55" (81-140 cm) = min. VESA mounting dimensions: 200 × 200 mm = max. VESA mounting dimensions: 400 × 400 mm = tilt: -10° = distance from a wall: 25 mm = max. load capacity (kg): 40 = dimensions: 20 × 470 × 220 mm = packaging: 1 pc, paper box



KT2244
32 32 224 400

1/-/-5
BETA 400

holder type: tilting = acceptable screen diagonals: 10-32" (25-81 cm) = min. VESA mounting dimensions: 75 × 75 mm = max. VESA mounting dimensions: 200 × 200 mm = tilt: 10°/-15° = positioning: 90° = distance from a wall: 100 mm = max. load capacity (kg): 30 = dimensions: 100 × 90 × 180 mm = packaging: 1 pc, paper box



KT2123
32 32 212 300

1/-/-12
BETA 200X

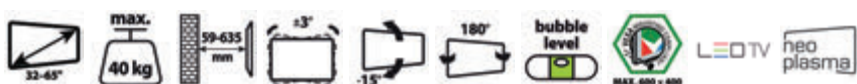
holder type: console = acceptable screen diagonals: 37-65" (94-165 cm) = min. VESA mounting dimensions: 200 × 200 mm = max. VESA mounting dimensions: 600 × 400 mm = tilt: +/-15° = positioning: +/- 90° = distance from a wall: 76-510 mm = max. load capacity (kg): 50 = dimensions: 510 × 650 × 204 mm = packaging: 1 pc, paper box



KT3564
32 32 356 400

1/-/-2
GAMMA 600
ULTRA X

holder type: console = acceptable screen diagonals: 32-65" (81-165 cm) = min. VESA mounting dimensions: 200 × 200 mm = max. VESA mounting dimensions: 600 × 400 mm = tilt: -15° = positioning: 180° = distance from a wall: 59-635 mm = max. load capacity (kg): 40 = dimensions: 630 × 80 × 300 mm = packaging: 1 pc, paper box



KT3364
32 32 336 400

1/-/-2
GAMMA LED 600

holder type: console = acceptable screen diagonals: 10-32" (25-81 cm) = min. VESA mounting dimensions: 75 × 75 mm = max. VESA mounting dimensions: 200 × 200 mm = tilt: 10°/-15° = positioning: 180° = distance from a wall: 102-340 mm = max. load capacity (kg): 25 = dimensions: 355 × 90 × 180 mm = packaging: 1 pc, paper box

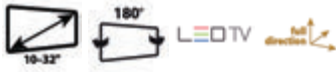


KT3223
32 32 322 300

1/-/-8
GAMMA 200
ULTRA X



holder type: console = acceptable screen diagonals: 10-32" (25-81 cm) = min. VESA mounting dimensions: 75 × 75 mm = max. VESA mounting dimensions: 200 × 200 mm = tilt: 10°/-15° = positioning: 180° = distance from a wall: 102-243 mm = max. load capacity (kg): 25 = dimensions: 243 × 90 × 180 mm = packaging: 1 pc, paper box



KT3123

1/-/-/10

32 32 312 300

GAMMA 200X

Power supply extension cords, cable reels, plugs, accessories











Power supply extension cords and sockets

Single socket extension cords

Two-cores PVC

- extension cable with one socket
- length: 3 or 20 m, PVC insulation – ideal for the interior
- conductor: 0.75 mm² or 1 mm², child socket covers

P01303 1/-/10/30		P01320R 1/-/-/4	
19 02 010 300 P01303		19 01 012 016 P01320R	
  		  	
<ul style="list-style-type: none"> ▪ length: 3 m ▪ number of sockets: 1 ▪ maximum load: 575 W ▪ conductor cross section: 0.75 mm² ▪ conductor: H03VVH2-F ▪ type of insulation: PVC 	<ul style="list-style-type: none"> ▪ children protection ▪ packaging: 1 pc, hanging 	<ul style="list-style-type: none"> ▪ length: 20 m ▪ conductor cross section: 1.5 mm² ▪ voltage: 230 V ▪ current: 16 A ▪ IP rating: IP20 ▪ number of sockets: 1 	<ul style="list-style-type: none"> ▪ thermal fuse: no ▪ conductor: H05VV-F2 ▪ max. unreeled load: 16 A max./3 680 W ▪ children protection ▪ packaging: 1 pc, shrink




Power supply extension cords and sockets SCHUKO

Power supply extension cords SCHUKO

1-phase 16A with rubber insulation




- neoprene extension cord – resists water (IP44) and heat
- conductor: 1.5 mm², length 3–10 m, max. load: 3 680 W
- backlit switch with rubber cover
- 4 round sockets, child socket covers
- openings in socket panel body for mounting onto a wall etc.

P14231 1/-/-/10
19 22 140 302 E-K-4E




length: 3 m = number of sockets: 4× 2P + PE SCHUKO IP44 = voltage/current: 250 V~/16 A max. = maximum load: 3 680 W = type of insulation: rubber/neopren = conductor: H07RN-F3G 1.5 mm² = material of the sockets + plugs: plastic / rubber = packaging: 1 pc, foil

P14251 1/-/-/6
19 22 340 501 E-K-4E

length: 5 m = number of sockets: 4× 2P + PE SCHUKO IP44 = voltage/current: 250 V~/16 A max. = maximum load: 3 680 W = type of insulation: rubber/neopren = conductor: H07RN-F3G 1.5 mm² = material of the sockets + plugs: plastic / rubber = packaging: 1 pc, foil





P14201 1/-/-/6
19 22 341 000 E-K-4E











length: 10 m = number of sockets: 4× 2P + PE SCHUKO IP44 = voltage/current: 250 V~/16 A max. = maximum load: 3 680 W = type of insulation: rubber/neopren = conductor: H07RN-F3G 1.5 mm² = material of the sockets + plugs: plastic / rubber = packaging: 1 pc, foil





1-phase 16A with PVC insulation





- extension cables with PVC insulation are ideal for household
- conductor: 1.5 mm² (1.0 mm² up to 2 m) round sockets
- round sockets, with or without switch
- various lengths, max. load: 3 680 W, child socket covers
- in white – to blend discreetly into the interior




P0321R	1/5/-/20	
19 22 030 153	SE0311-1,5	
	 	
8 592920 052662		
<ul style="list-style-type: none"> supported OS: – compatibility: – protocol: – transmission frequency: – length: 1.5 m number of sockets: 3× 2P + PE SCHUKO 	<ul style="list-style-type: none"> voltage/current: 250 V~/16 A max. maximum load: 3 680 W type of insulation: PVC conductor: H05VV-F3G 1.5 mm² material of the sockets + plugs: plastic packaging: 1 pc, foil+hanging 	





P0323R	1/5/-/20	
19 22 030 308	SE0313-1,5	
	 	
8 592920 016336		
<ul style="list-style-type: none"> length: 3 m number of sockets: 3× 2P + PE SCHUKO voltage/current: 250 V~/16 A max. maximum load: 3 680 W type of insulation: PVC conductor: H05VV-F3G 1.5 mm² 	<ul style="list-style-type: none"> material of the sockets + plugs: plastic packaging: 1 pc, hanging 	





P0325R	1/5/-/15	
19 22 030 508	SE0315-1,5	
	 	
8 592920 016343		
<ul style="list-style-type: none"> length: 5 m number of sockets: 3× 2P + PE SCHUKO voltage/current: 250 V~/16 A max. maximum load: 3 680 W type of insulation: PVC conductor: H05VV-F3G 1.5 mm² 	<ul style="list-style-type: none"> material of the sockets + plugs: plastic packaging: 1 pc, hanging 	

P0421R	1/5/-/20	
19 22 040 152	SE0411-1,5	
	 	
8 592920 052679		
<ul style="list-style-type: none"> supported OS: – compatibility: – protocol: – transmission frequency: – length: 1.5 m number of sockets: 4× 2P + PE SCHUKO 	<ul style="list-style-type: none"> voltage/current: 250 V~/16 A max. maximum load: 3 680 W type of insulation: PVC conductor: H05VV-F3G 1.5 mm² material of the sockets + plugs: plastic packaging: 1 pc, foil+hanging 	




P0423R	1/5/-/20	
19 22 040 302	SE0413-1,5	
	 	
8 592920 052747		
<ul style="list-style-type: none"> supported OS: – compatibility: – protocol: – transmission frequency: – length: 3 m number of sockets: 4× 2P + PE SCHUKO 	<ul style="list-style-type: none"> voltage/current: 250 V~/16 A max. maximum load: 3 680 W type of insulation: PVC conductor: H05VV-F3G 1.5 mm² material of the sockets + plugs: plastic packaging: 1 pc, hanging 	

P0425R	1/5/-/15	
19 22 040 502	SE0415-1,5 (SEH0415-1.5)	
	 	
8 592920 064429		
<ul style="list-style-type: none"> length: 5 m number of sockets: 4× 2P + PE SCHUKO voltage/current: 250 V~/16 A max. maximum load: 3 680 W type of insulation: PVC conductor: H05VV-F3G 1.5 mm² 	<ul style="list-style-type: none"> material of the sockets + plugs: plastic packaging: 1 pc, hanging 	

P0521R	1/5/-/15	
19 22 050 153	SE0511-1,5	
	 	
8 592920 052686		
<ul style="list-style-type: none"> supported OS: – compatibility: – protocol: – transmission frequency: – length: 1.5 m number of sockets: 5× 2P + PE SCHUKO 	<ul style="list-style-type: none"> voltage/current: 250 V~/16 A max. maximum load: 3 680 W type of insulation: PVC conductor: H05VV-F3G 1.5 mm² material of the sockets + plugs: plastic packaging: 1 pc, foil+hanging 	

P0523R	1/-/-/15	
19 22 050 308	SE0513-1,5	
	 	
8 592920 016374		
<ul style="list-style-type: none"> length: 3 m number of sockets: 5× 2P + PE SCHUKO voltage/current: 250 V~/16 A max. maximum load: 3 680 W type of insulation: PVC conductor: H05VV-F3G 1.5 mm² 	<ul style="list-style-type: none"> material of the sockets + plugs: plastic packaging: 1 pc, hanging 	

P0525R 1/-/-/10
19 22 050 508
SE0515-1,5
(SEH0515-1.5)

- length: 5 m
- number of sockets: 5× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging




P0623R 1/-/-/10
19 22 060 302
SE0613-1,5








- length: 3 m
- number of sockets: 6× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P0625R 1/-/-/10
19 22 060 502
SE0615-1,5




- length: 5 m
- number of sockets: 6× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P1321R 1/-/-/15
19 22 130 156
SE1311-1,5




- length: 1.5 m
- number of sockets: 3× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P1323R 1/5/-/20
19 22 130 308
SE1313-1,5
(SEH1313-1.5)




- length: 3 m
- number of sockets: 3× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P1325R 1/-/-/10
19 22 130 508
SE1315-1,5
(SEH1315-1.5)




- length: 5 m
- number of sockets: 3× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P1421R 1/-/-/15
19 22 140 152
SE1411-1,5




- length: 1.5 m
- number of sockets: 4× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P1423R 1/-/-/10
19 22 140 303
SE1413-1,5
(SEH1413-1.5)




- length: 3 m
- number of sockets: 4× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P1425R 1/5/-/15
19 22 140 503
SE1415-1,5
(SEH1415-1.5)




- length: 5 m
- number of sockets: 4× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P1521R 1/-/-/15
19 22 150 154
SE1511-1,5




- length: 1.5 m
- number of sockets: 5× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P1523R 1/-/-10
19 22 150 308
SE1513-1,5
(SEH1513-1.5)

- length: 3 m
- number of sockets: 5× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P1525R 1/-/-10
19 22 150 508
SE1515-1,5
(SEH1515-1.5)

- length: 5 m
- number of sockets: 5× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging




P1621R 1/-/-15
19 22 160 152
SE1611-1,5








- length: 1.5 m
- number of sockets: 6× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P1623R 1/-/-10
19 22 160 302
SE1613-1,5




- length: 3 m
- number of sockets: 6× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P1625R 1/-/-10
19 22 160 502
SE1615-1,5
(SEH1615-1.5)




- length: 5 m
- number of sockets: 6× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P1322RU 1/-/-10
19 22 130 201
P1322RU

- length: 2 m
- number of sockets: 3× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P1523RU 1/-/-10
19 22 150 304
P1523RU

- length: 3 m
- number of sockets: 5× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging


PC1321R 1/-/-15
19 22 330 152
SE1311-1,5





- length: 1.5 m
- number of sockets: 3× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging




PC1421R 1/-/-15
19 22 340 151
SE1411-1,5





- length: 1.5 m
- number of sockets: 4× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

PC1423R 1/-/-10
19 22 340 301
SE1413-1,5

- length: 3 m
- number of sockets: 4× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

PC1425R 1/-/-15
19 22 340 502 SE1415-1,5





- length: 5 m
- number of sockets: 4× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

PC1521R 1/-/-15
19 22 350 151 SE1511-1,5





- length: 1.5 m
- number of sockets: 5× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

PC1621R 1/-/-15
19 22 360 150 SE1611-1,5





- length: 1.5 m
- number of sockets: 6× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P0321 1/5/-/20
19 22 030 150 SE0311





- length: 1.5 m
- number of sockets: 3× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P0322 1/5/-/20
19 22 030 200 SE0312





- length: 2 m
- number of sockets: 3× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging


P0421 1/5/-/20
19 22 040 150 SE0411








- length: 1.5 m
- number of sockets: 4× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P0521 1/5/-/15
19 22 050 150 SE0511





- length: 1.5 m
- number of sockets: 5× 2P + PE SCHUKO
- voltage/current: 250 V~/10 A max.
- maximum load: 2 300 W
- type of insulation: PVC
- conductor: H05VV-F3G 1 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P0622 1/5/-/15
19 22 060 200 SE0612




- length: 2 m
- number of sockets: 6× 2P + PE SCHUKO
- voltage/current: 230 V~/10 A max.
- maximum load: 2 300 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.0 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, PVC packet

P1321 1/5/-/20
19 22 130 150 SE1311




- length: 1.5 m
- number of sockets: 3× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P1322 1/5/-/20
19 22 130 200 SE1312




- length: 2 m
- number of sockets: 3× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P1422 1/5/-/20
19 22 140 200 SE1412


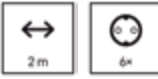

- length: 2 m
- number of sockets: 4× 2P + PE SCHUKO
- voltage/current: 250 V~/10 A max.
- maximum load: 2 300 W
- type of insulation: PVC
- conductor: H05VV-F3G 1 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P1522 1/5/-/15
19 22 150 200 SE1512

- length: 2 m
- number of sockets: 5× 2P + PE SCHUKO
- voltage/current: 250 V~/10 A max.
- maximum load: 2 300 W
- type of insulation: PVC
- conductor: H05VV-F3G 1 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P1622 1/-/-/10
19 22 160 200 SE1612

- length: 2 m
- number of sockets: 6× 2P + PE SCHUKO
- voltage/current: 250 V~/10 A max.
- maximum load: 2 300 W
- type of insulation: PVC
- conductor: H05VV-F3G 1 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging


PC1321 1/5/-/20
19 22 330 150 SE1311








- length: 1.5 m
- number of sockets: 3× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

P04219GU 1/-/3/12
19 22 040 191 P04219U


- length: 1.9 m
- number of sockets: 4× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: PC
- packaging: 1 pc, box

PS1721 1/5/10/20
19 22 570 150 GES-002

- length: 1.5 m
- number of sockets: 3× 2P + PE + 4× 2P
- voltage/current: 250 V~/10 A max.
- maximum load: 2 300 W
- type of insulation: PVC
- conductor: H05VV-F3G 1 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, hanging

Extension cords GoSmart

- Remote on/off switching of connected appliances
- Overview of electricity consumption of connected appliances
- Schedule creation and automatic ON/OFF settings
- Connection to the home network via WIFI protocol
- Compatibility with EMOS GoSmart products and TUYA devices
- Voice control with Google Assistant and Amazon Alexa

- length: 2 m
- number of sockets: 4× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.5 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, box
- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife,
- protocol: Wi-Fi
- transmission frequency: 2.4 GHz WIFI
- control by voice assistants
- notifications to the mobile app



P1422ST 1/-/-/8
19 22 940 200 P1422ST

Power supply extension cords and sockets SCHUKO

Single socket extension cords SCHUKO

1-phase 16A with rubber insulation

- extension cable with 1 socket, length: 5–30 m
- neoprene or rubber insulation, IP44 enclosure
- conductor cross-section: 1.5 or 2.5 mm², max. load: 3 680 W
- black colour, round socket with lid, child socket covers

P01805	1/-/-/20	
19 21 010 504	P01805 (E-008)	
		
<ul style="list-style-type: none"> ▪ length: 5 m ▪ conductor cross section: 1.5 mm² ▪ voltage: 230 V ▪ current: 16 A ▪ IP rating: IP44 ▪ number of sockets: 1 	<ul style="list-style-type: none"> ▪ thermal fuse: no ▪ conductor: H07RN-F3G ▪ max. unreel load: 16 A max./3 680 W ▪ children protection ▪ packaging: 1 pc, shrink 	

P01810	1/-/-/6	
19 21 031 000	P01810 (E-008)	
		
<ul style="list-style-type: none"> ▪ length: 10 m ▪ conductor cross section: 1.5 mm² ▪ voltage: 230 V ▪ current: 16 A ▪ IP rating: IP44 ▪ number of sockets: 1 	<ul style="list-style-type: none"> ▪ thermal fuse: no ▪ conductor: H07RN-F3G ▪ max. unreel load: 16 A max./3 680 W ▪ children protection ▪ packaging: 1 pc, packet 	

P01820	1/-/-/2	
19 21 032 000	P01820 (E-008)	
		
<ul style="list-style-type: none"> ▪ length: 20 m ▪ conductor cross section: 1.5 mm² ▪ voltage: 230 V ▪ current: 16 A ▪ IP rating: IP44 ▪ number of sockets: 1 	<ul style="list-style-type: none"> ▪ thermal fuse: no ▪ conductor: H07RN-F3G ▪ max. unreel load: 16 A max./3 680 W ▪ children protection ▪ packaging: 1 pc, packet 	

P01830	1/-/-/2	
19 21 033 000	P01830 (E-008)	
		
<ul style="list-style-type: none"> ▪ length: 30 m ▪ conductor cross section: 1.5 mm² ▪ voltage: 230 V ▪ current: 16 A ▪ IP rating: IP44 ▪ number of sockets: 1 	<ul style="list-style-type: none"> ▪ thermal fuse: no ▪ conductor: H07RN-F3G ▪ max. unreel load: 16 A max./3 680 W ▪ children protection ▪ packaging: 1 pc, packet 	

P01810R	1/-/-/6	
19 21 011 003	P01810R (E-008)	
		
<ul style="list-style-type: none"> ▪ length: 10 m ▪ conductor cross section: 2.5 mm² ▪ voltage: 230 V ▪ current: 16 A ▪ IP rating: IP44 ▪ number of sockets: 1 	<ul style="list-style-type: none"> ▪ thermal fuse: no ▪ conductor: H07RN-F3G ▪ max. unreel load: 16 A max./3 680 W ▪ children protection ▪ packaging: 1 pc, shrink 	

P01825R	1/-/-/4	
19 21 012 502	P01825R (E-008)	
		
<ul style="list-style-type: none"> ▪ length: 25 m ▪ conductor cross section: 2.5 mm² ▪ voltage: 230 V ▪ current: 16 A ▪ IP rating: IP44 ▪ number of sockets: 1 	<ul style="list-style-type: none"> ▪ thermal fuse: no ▪ conductor: H07RN-F3G ▪ max. unreel load: 16 A max./3 680 W ▪ children protection ▪ packaging: 1 pc, shrink 	

P0701	1/-/-/6	
19 21 021 000	E-012	
	 	
<ul style="list-style-type: none"> ▪ length: 10 m ▪ conductor cross section: 1.5 mm² ▪ voltage: 230 V ▪ current: 16 A ▪ IP rating: IP44 ▪ number of sockets: 2 	<ul style="list-style-type: none"> ▪ thermal fuse: no ▪ conductor: H05RR-F3G ▪ max. unreeled load: 16 A max./3 680 W ▪ children protection ▪ packaging: 1 pc, packet 	





P0702	1/-/-/4	
19 21 021 502	E-012	
	 	
<ul style="list-style-type: none"> ▪ length: 15 m ▪ conductor cross section: 1.5 mm² ▪ voltage: 230 V ▪ current: 16 A ▪ IP rating: IP44 ▪ number of sockets: 2 	<ul style="list-style-type: none"> ▪ thermal fuse: no ▪ conductor: H05RR-F3G ▪ max. unreeled load: 16 A max./3 680 W ▪ children protection ▪ packaging: 1 pc, packet 	





P0703	1/-/-/3	
19 21 022 000	E-012	
	 	
<ul style="list-style-type: none"> ▪ length: 20 m ▪ conductor cross section: 1.5 mm² ▪ voltage: 230 V ▪ current: 16 A ▪ IP rating: IP44 ▪ number of sockets: 2 	<ul style="list-style-type: none"> ▪ thermal fuse: no ▪ conductor: H05RR-F3G ▪ max. unreeled load: 16 A max./3 680 W ▪ children protection ▪ packaging: 1 pc, packet 	





P0704	1/-/-/2	
19 21 022 502	E-012	
	 	
<ul style="list-style-type: none"> ▪ length: 25 m ▪ conductor cross section: 1.5 mm² ▪ voltage: 230 V ▪ current: 16 A ▪ IP rating: IP44 ▪ number of sockets: 2 	<ul style="list-style-type: none"> ▪ thermal fuse: no ▪ conductor: H05RR-F3G ▪ max. unreeled load: 16 A max./3 680 W ▪ children protection ▪ packaging: 1 pc, packet 	





1-phase 16A with PVC insulation

- 15–30 m extension cable with one socket
- conductor cross-section: 1.5 m², max. load: 3 680 W
- PVC insulation – ideal for the garage or workshop
- orange reflective colour – always visible to avoid tripping
- round socket, child socket covers


P0123R	1/5/-/20	
19 21 010 302	SE0113-1,5	
	 	
<ul style="list-style-type: none"> ▪ length: 3 m ▪ number of sockets: 1× 2P + PE SCHUKO ▪ voltage/current: 250 V~/16 A max. ▪ maximum load: 3 680 W ▪ type of insulation: PVC ▪ conductor: H05VV-F3G 1.5 mm² 	<ul style="list-style-type: none"> ▪ material of the sockets + plugs: plastic ▪ packaging: 1 pc, hanging 	

P0125R	1/-/-/20	
19 21 010 503	SE0115-1,5	
	 	
<ul style="list-style-type: none"> ▪ length: 5 m ▪ number of sockets: 1× 2P + PE SCHUKO ▪ voltage/current: 250 V~/16 A max. ▪ maximum load: 3 680 W ▪ type of insulation: PVC ▪ conductor: H05VV-F3G 1.5 mm² 	<ul style="list-style-type: none"> ▪ material of the sockets + plugs: plastic ▪ packaging: 1 pc, hanging 	




P0127R	1/-/-/20	
19 21 010 701	SE0117-1,5	
	 	
<ul style="list-style-type: none"> ▪ length: 7 m ▪ number of sockets: 1× 2P + PE SCHUKO ▪ voltage/current: 250 V~/16 A max. ▪ maximum load: 3 680 W ▪ type of insulation: PVC ▪ conductor: H05VV-F3G 1.5 mm² 	<ul style="list-style-type: none"> ▪ material of the sockets + plugs: plastic ▪ packaging: 1 pc, foil+hanging 	

P0120R	1/-/-/10	
19 21 011 002	SE0110-1,5	
	 	
<ul style="list-style-type: none"> ▪ length: 10 m ▪ number of sockets: 1× 2P + PE SCHUKO ▪ voltage/current: 250 V~/16 A max. ▪ maximum load: 3 680 W ▪ type of insulation: PVC ▪ conductor: H05VV-F3G 1.5 mm² 	<ul style="list-style-type: none"> ▪ material of the sockets + plugs: plastic ▪ packaging: 1 pc, hanging 	

P0122 1/5/-/20
19 21 010 202 SE0112



8 592920 107393

- length: 2 m
- number of sockets: 1× 2P + PE SCHUKO
- voltage/current: 250 V~/16 A max.
- maximum load: 3 680 W
- type of insulation: PVC
- conductor: H05VV-F3G 1.0 mm²
- material of the sockets + plugs: plastic
- packaging: 1 pc, foil+hanging

P01215R 1/-/-/6
19 21 011 502 DG-YD01 (YC-DAX-2)



8 592920 064528





- length: 15 m
- conductor cross section: 1.5 mm²
- voltage: 230 V
- current: 16 A
- IP rating: IP20
- number of sockets: 1
- thermal fuse: no
- conductor: H05VV-F3G
- max. unreeled load: 16 A max./3 680 W
- children protection
- packaging: 1 pc, shrink

P01220R 1/-/-/6
19 21 012 001 DG-YD01 (YC-DAX-2)



8 592920 064535





- length: 20 m
- conductor cross section: 1.5 mm²
- voltage: 230 V
- current: 16 A
- IP rating: IP20
- number of sockets: 1
- thermal fuse: no
- conductor: H05VV-F3G
- max. unreeled load: 16 A max./3 680 W
- children protection
- packaging: 1 pc, shrink

P01225R 1/-/-/4
19 21 012 500 DG-YD01 (YC-DAX-2)




8 592920 064542








- length: 25 m
- conductor cross section: 1.5 mm²
- voltage: 230 V
- current: 16 A
- IP rating: IP20
- number of sockets: 1
- thermal fuse: no
- conductor: H05VV-F3G
- max. unreeled load: 16 A max./3 680 W
- children protection
- packaging: 1 pc, shrink

P01230R 1/-/-/4
19 21 013 001 P01230R



8 592920 107386











- length: 30 m
- conductor cross section: 1.5 mm²
- voltage: 230 V
- current: 16 A
- IP rating: IP20
- number of sockets: 1
- thermal fuse: no
- conductor: H05VV-F3G
- children protection
- packaging: 1 pc, shrink




Power supply extension cords and sockets SCHUKO





Multiple sockets SCHUKO





- demountable multi sockets
- max. current load: 16 A, IP20 enclosure
- plastic, white
- fitted with child socket covers





P0320	1/5/-/40	
19 23 030 000	DG-DC03 (P03C)	
		
8 595025 324818		
<ul style="list-style-type: none"> ▪ product: socket field ▪ voltage/current: 250 V~/16 A max. ▪ children protection ▪ IP rating: IP20 ▪ material: plastic ▪ packaging: 1 pc, hanging 		

P0420	1/5/20/40	
19 23 040 000	DG-DC04 (P04C)	
		
8 595025 324825		
<ul style="list-style-type: none"> ▪ product: socket field ▪ voltage/current: 250 V~/16 A max. ▪ children protection ▪ IP rating: IP20 ▪ material: plastic ▪ packaging: 1 pc, hanging 		

P0520	1/5/-/30	
19 23 050 000	DG-DC05 (P05C)	
		
8 595025 324832		
<ul style="list-style-type: none"> ▪ product: socket field ▪ voltage/current: 250 V~/16 A max. ▪ children protection ▪ IP rating: IP20 ▪ material: plastic ▪ packaging: 1 pc, hanging 		

P1320	1/5/-/45	
19 23 130 000	DG-DC03K (P13C)	
	 	
8 595025 324849		
<ul style="list-style-type: none"> ▪ product: socket field ▪ voltage/current: 250 V~/16 A max. ▪ children protection ▪ IP rating: IP20 ▪ material: plastic ▪ packaging: 1 pc, hanging 		

P1420	1/5/20/40	
19 23 140 000	DG-DC04K	
	 	
8 595025 324856		
<ul style="list-style-type: none"> ▪ product: socket field ▪ voltage/current: 250 V~/16 A max. ▪ children protection ▪ IP rating: IP20 ▪ material: plastic ▪ packaging: 1 pc, hanging 		

P1520	1/5/-/20	
19 23 150 000	DG-DC05K (P15C)	
	 	
8 595025 324863		
<ul style="list-style-type: none"> ▪ product: socket field ▪ voltage/current: 250 V~/16 A max. ▪ children protection ▪ IP rating: IP20 ▪ material: plastic ▪ packaging: 1 pc, hanging 		

Surge protectors

Surge protectors EMOS SCHUKO

- extension cable with overvoltage protection
- protects TV, satellite or laptop from mains overvoltage
- black or white design, backlit switch & child socket covers

- rated voltage: 230 V~, 50 Hz
- maximum load: 3 680 W
- conductor: H05VV-F3G 1.5 mm²
- energy absorption: 900 J
- protection level Up: 1.7 kV (L/N-PE, L-N)
- open-circuit voltage UOC: 6 kV
- response time: <1 ns
- connection indicator
- surge protector indicator

- dimensions: 342 × 66 × 50 mm
- packaging: 1 pc, box

**P54212**

1/-/-/6

19 09 040 202

G3040

- rated voltage: 230 V~, 50 Hz
- maximum load: 3 680 W
- conductor: H05VV-F3G 1.5 mm²
- energy absorption: 1 800 J
- protection level Up: 1.7 kV (L/N-PE, L-N)
- open-circuit voltage UOC: 6 kV
- response time: <1 ns
- antenna (coaxial protection): yes, IEC
- connection indicator

- surge protector indicator
- dimensions: 342 × 66 × 50 mm
- packaging: 1 pc, box

**P54222**

1/-/-/6

19 09 040 203

G5142

- rated voltage: 230 V~, 50 Hz
- maximum load: 3 680 W
- conductor: H05VV-F3G 1.5 mm²
- energy absorption: 1 800 J
- protection level Up: 1.7 kV (L/N-PE, L-N)
- open-circuit voltage UOC: 6 kV
- response time: <1 ns
- tel./Fax/DSL protection: yes, tel./fax /DSL,RJ11/RJ
- antenna (coaxial protection): yes, IEC

- connection indicator
- surge protector indicator
- dimensions: 398 × 110 × 50 mm
- packaging: 1 pc, box

**P54252**

1/-/-/6





19 09 480 301





G5183





Assembled cords





3-phase rubber





- 380 V~ extension cable, length: 5–25 m
- rubber insulation, ideal for outdoor use, enclosure: IP44
- conductor cross-section: 2.5 or 4.0 mm²
- max. load: 3 680 W or 22 000 W





PM0902	1/-/-2	
19 14 071 100	PM0902	
		
8 595025 381088		
<ul style="list-style-type: none"> ▪ length: 10 m ▪ conductor cross section: 2.5 mm² ▪ voltage: 400 V~ ▪ current: 16 A ▪ IP rating: IP44 ▪ number of sockets: 1 	<ul style="list-style-type: none"> ▪ thermal fuse: no ▪ conductor: CGSG 5C × H05RR-F ▪ max. unreel load: 16 A max./3 680 W ▪ children protection: no ▪ packaging: 1 pc, packet 	

PM0904	1/-/-3	
19 14 071 200	PM0904	
		
8 595025 381101		
<ul style="list-style-type: none"> ▪ length: 20 m ▪ conductor cross section: 2.5 mm² ▪ voltage: 400 V~ ▪ current: 16 A ▪ IP rating: IP44 ▪ number of sockets: 1 	<ul style="list-style-type: none"> ▪ thermal fuse: no ▪ conductor: CGSG 5C × H05RR-F ▪ max. unreel load: 16 A max./3 680 W ▪ children protection: no ▪ packaging: 1 pc, packet 	

PM0905	1/-/-2	
19 14 071 250	PM0905	
		
8 595025 381118		
<ul style="list-style-type: none"> ▪ length: 25 m ▪ conductor cross section: 2.5 mm² ▪ voltage: 400 V~ ▪ current: 16 A ▪ IP rating: IP44 ▪ number of sockets: 1 	<ul style="list-style-type: none"> ▪ thermal fuse: no ▪ conductor: CGSG 5C × H05RR-F ▪ max. unreel load: 16 A max./3 680 W ▪ children protection: no ▪ packaging: 1 pc, packet 	

PM1102	1/-/-4	
19 14 081 102		
		
8 592920 110065		
<ul style="list-style-type: none"> ▪ length: 10 m ▪ conductor cross section: 4,0 mm² ▪ voltage: 400 V~ ▪ current: 32 A ▪ IP rating: IP44 ▪ number of sockets: 1 	<ul style="list-style-type: none"> ▪ thermal fuse: no ▪ conductor: CGSG 5C × H07RN-F ▪ max. unreel load: 32 A max./22 000 W ▪ children protection: no ▪ packaging: 1 pc, packet 	

PM1103	1/-/-5	
19 14 081 103		
		
8 592920 110072		
<ul style="list-style-type: none"> ▪ length: 15 m ▪ conductor cross section: 4,0 mm² ▪ voltage: 400 V~ ▪ current: 32 A ▪ IP rating: IP44 ▪ number of sockets: 1 	<ul style="list-style-type: none"> ▪ thermal fuse: no ▪ conductor: CGSG 5C × H07RN-F ▪ max. unreel load: 32 A max./22 000 W ▪ children protection: no ▪ packaging: 1 pc, packet 	

PM1104	1/-/-3	
19 14 081 104		
		
8 592920 110089		
<ul style="list-style-type: none"> ▪ length: 20 m ▪ conductor cross section: 4,0 mm² ▪ voltage: 400 V~ ▪ current: 32 A ▪ IP rating: IP44 ▪ number of sockets: 1 	<ul style="list-style-type: none"> ▪ thermal fuse: no ▪ conductor: CGSG 5C × H07RN-F ▪ max. unreel load: 32 A max./22 000 W ▪ children protection: no ▪ packaging: 1 pc, packet 	

PM1105

1/-/-2

19 14 081 105



8 592920 110096



- length: 25 m
- conductor cross section: 4,0 mm²
- voltage: 400 V~
- current: 32 A
- IP rating: IP44
- number of sockets: 1
- thermal fuse: no
- conductor: CGSG 5C × H07RN-F
- max. unreeled load: 32 A max./22 000 W
- children protection: no
- packaging: 1 pc, packet

Cable reels

SCHUKO

3-phase rubber

- 3phase extension cable on reel with neoprene insulation
- immune to water (IP44), extreme temperatures and oils
- power extension cable reel with thermal fuse
- stable stand, reel and rubber-coated grip

length: 25 m = conductor cross section: 1.5 mm² = voltage: 230 V~/400 V~ = current: 13 A = IP rating: IP44 = number of sockets: 1 = thermal fuse = conductor: H07RN-F = max. reeled load: 230 V~: 4.35 A max./1 000 W; 400 V~: 6.25 A max./2 500 W = max. unreeled load: 230 V~: 13 A max./3 000 W; 400 V~: 12.5 A max./5 000 W = children protection: no = packaging: 1 pc, box



8 592920 025062

P192250

19 28 432 500

1/-/-1

E-102A

length: 33 m = conductor cross section: 2.5 mm² = voltage: 230 V~/400 V~ = current: 15 A = IP rating: IP44 = number of sockets: 1 = thermal fuse = conductor: H07RN-F = max. reeled load: 230 V~: 6.52 A max./1 500 W; 400 V~: 6.25 A max./2 500 W = max. unreeled load: 230 V~: 15.22 A max./3 500 W; 400 V~: 16 A max./6 400 W = children protection: no = packaging: 1 pc, box



8 592920 028896

P19733

19 28 733 300

1/-/-1

EM7-533 IP44
440V (E-017)

1-phase rubber

- 1phase extension cable on reel w/ neoprene/rubber insulation
- immune to water (IP44), extreme temperatures and oils
- power extension cable reel with thermal fuse
- stable stand, reel and rubber-coated grip

- length: 15 m
- conductor cross section: 1.5 mm²
- voltage: 230 V
- current: 13 A
- IP rating: IP44
- number of sockets: 4
- thermal fuse
- conductor: H07RN-F
- max. reeled load: 4.35 A max./1 000 W

- max. unreeled load: 13.04 A max./3 000 W
- children protection: no
- other functions: LED reflect. 20 W/1 600 lm/6 500 K
- packaging: 1 pc, box

**P08215**

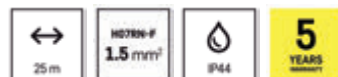
1/-/-1

19 28 441 500

P08215

- length: 25 m
- conductor cross section: 1.5 mm²
- voltage: 230 V
- current: 16 A
- IP rating: IP44
- number of sockets: 4
- thermal fuse
- conductor: H07RN-F
- max. reeled load: 4.35 A max./1 000 W

- max. unreeled load: 16 A max./3 680 W
- children protection: no
- other functions: guiding loop, cable reel brake
- packaging: 1 pc, box

**P19222**

1/-/-1

19 28 242 502

P19222

- length: 40 m
- conductor cross section: 2.5 mm²
- voltage: 230 V
- current: 16 A
- IP rating: IP44
- number of sockets: 4
- thermal fuse
- conductor: H07RN-F
- max. reeled load: 5.2 A max./1 200 W

- max. unreeled load: 16 A max./3 680 W
- children protection: no
- other functions: guiding loop, cable reel brake
- packaging: 1 pc, box

**P19224**

1/-/-1

19 28 544 000

P19224

- length: 50 m
- conductor cross section: 1.5 mm²
- voltage: 230 V
- current: 16 A
- IP rating: IP44
- number of sockets: 4
- thermal fuse
- conductor: H07RN-F
- max. reeled load: 4.35 A max./1 000 W

- max. unreeled load: 16 A max./3 680 W
- children protection: no
- other functions: guiding loop, cable reel brake
- packaging: 1 pc, box

**P19223**

1/-/-1

19 28 245 003

P19223

- length: 50 m
- conductor cross section: 2.5 mm²
- voltage: 230 V
- current: 15 A
- IP rating: IP44
- number of sockets: 4
- thermal fuse
- conductor: H07RN-F
- max. reeled load: 6.52 A max./1 500 W

- max. unreeled load: 15.22 A max./3 500 W
- children protection: no
- packaging: 1 pc, box



P19220
19 28 545 001

1/-/-1
E-017

- length: 50 m
- conductor cross section: 2.5 mm²
- voltage: 230 V
- current: 15 A
- IP rating: IP44
- number of sockets: 4
- thermal fuse
- conductor: H05RR-F
- max. reeled load: 6.52 A max./1 500 W

- max. unreeled load: 15.22 A max./3 500 W
- children protection: no
- packaging: 1 pc, box



P19221
19 28 545 011

1/-/-1
E-017

- length: 25 m
- conductor cross section: 1.5 mm²
- voltage: 230 V
- current: 16 A
- IP rating: IP44
- number of sockets: 4
- thermal fuse
- conductor: H05RR-F3G
- max. reeled load: 4.8 A max./1 100 W

- max. unreeled load: 16 A max./3 680 W
- children protection: no
- packaging: 1 pc, box



P08225
19 28 242 500

1/-/-1
E-10P

- length: 50 m
- conductor cross section: 1.5 mm²
- voltage: 230 V
- current: 16 A
- IP rating: IP44
- number of sockets: 4
- thermal fuse
- conductor: H05RR-F3G
- max. reeled load: 4.8 A max./1 100 W

- max. unreeled load: 16 A max./3 680 W
- children protection: no
- packaging: 1 pc, box



P08250
19 28 245 000

1/-/-1
E-10DP

- length: 25 m
- conductor cross section: 2.5 mm²
- voltage: 230 V
- current: 16 A
- IP rating: IP44
- number of sockets: 4
- thermal fuse
- conductor: H05RR-F3G
- max. reeled load: 6 A max./1 600 W

- max. unreeled load: 16 A max./3 680 W
- children protection: no
- packaging: 1 pc, box



P19625
19 28 542 500

1/-/-1
E-10P

1-phase PVC

- 1phase extension cable on reel with PVC insulation
- stable stand, reel and rubber-coated grip
- power extension cable reel with thermal fuse
- some also with backlit switch and guide loop (for reeling)

- length: 25 m
- conductor cross section: 1.5 mm²
- voltage: 230 V
- current: 13 A
- IP rating: IP20
- number of sockets: 4
- thermal fuse
- conductor: H05VV-F3G
- max. reeled load: 4.35 A max./1 000 W



- max. unreeled load: 13 A max./3 000 W
- children protection
- other functions: guiding loop, cable reel brake, switch
- packaging: 1 pc, box



P19427

1/-/-1

19 28 042 507

HJR-4BA

- length: 25 m
- conductor cross section: 1.5 mm²
- voltage: 230 V
- current: 16 A
- IP rating: IP20
- number of sockets: 4
- thermal fuse
- conductor: H05VV-F3G
- max. reeled load: 4.8 A max./1 100 W



- max. unreeled load: 16 A max./3 680 W
- children protection: no
- packaging: 1 pc, box



P092251

1/-/-1

19 28 042 504

P092251

- length: 50 m
- conductor cross section: 1.5 mm²
- voltage: 230 V
- current: 16 A
- IP rating: IP20
- number of sockets: 4
- thermal fuse
- conductor: H05VV-F3G
- max. reeled load: 4.8 A max./1 100 W



- max. unreeled load: 16 A max./3 680 W
- children protection: no
- other functions: guiding loop, cable reel brake, switch
- packaging: 1 pc, box



P092501

1/-/-1

19 28 045 003

P092501

- length: 25 m
- conductor cross section: 2.5 mm²
- voltage: 230 V
- current: 16 A
- IP rating: IP20
- number of sockets: 4
- thermal fuse
- conductor: H05VV-F3G
- max. reeled load: 6 A max./1 600 W



- max. unreeled load: 16 A max./3 600 W
- children protection: no
- packaging: 1 pc, box



P09225M

1/-/-1

19 28 042 501

E-4

- length: 40 m
- conductor cross section: 2.5 mm²
- voltage: 230 V
- current: 16 A
- IP rating: IP20
- number of sockets: 4
- thermal fuse
- conductor: H05VV-F3G
- max. reeled load: 6 A max./1 380 W

- max. unreeled load: 16 A max./3 600 W
- children protection: no
- packaging: 1 pc, box



P09240M

1/-/-1

19 28 044 001

E-4



- length: 25 m
- conductor cross section: 1.5 mm²
- voltage: 230 V
- current: 16 A
- IP rating: IP20
- number of sockets: 4
- thermal fuse
- conductor: H05VV-F3G
- max. reeled load: 4.8 A max./1 100 W

- max. unreeled load: 16 A max./3 600 W
- children protection: no
- packaging: 1 pc, box



P09225

1/-/-1

19 28 042 500

DG-4ZR-DB04
(HJR-4A)



- length: 40 m
- conductor cross section: 1.5 mm²
- voltage: 230 V
- current: 16 A
- IP rating: IP20
- number of sockets: 4
- thermal fuse
- conductor: H05VV-F
- max. reeled load: 4.8 A max./1 100 W

- max. unreeled load: 16 A max./3 600 W
- children protection: no
- packaging: 1 pc, box



P09240

1/-/-1

19 28 044 000

E-4



- length: 50 m
- conductor cross section: 1.5 mm²
- voltage: 230 V
- current: 16 A
- IP rating: IP20
- number of sockets: 4
- thermal fuse
- conductor: H05VV-F3G
- max. reeled load: 4.8 A max./1 100 W

- max. unreeled load: 16 A max./3 600 W
- children protection: no
- packaging: 1 pc, box



P09250

1/-/-1

19 28 045 000

DG-4ZR-DB04
(HJR-4)



- length: 20 m
- conductor cross section: 1.0 mm²
- voltage: 230 V
- current: 10 A
- IP rating: IP20
- number of sockets: 4
- thermal fuse
- conductor: H05VV-F3G
- max. reeled load: 4.8 A max./1 100 W

- max. unreeled load: 10 A max./2 300 W
- children protection: no
- packaging: 1 pc, box



P09220

1/-/-1

19 28 142 000

DG-4ZR-DB04
(HJR-4AC)



- length: 15 m
- conductor cross section: 1.0 mm²
- voltage: 230 V
- current: 10 A
- IP rating: IP20
- number of sockets: 4
- thermal fuse
- conductor: H05VV-F3G
- max. reeled load: 4 A max./920 W

- max. unreeled load: 10 A max./2 300 W
- children protection: no
- packaging: 1 pc, box



P19515

1/-/-2

19 28 141 500

E-4ZR-15M-D04

- length: 10 m
- conductor cross section: 1.0 mm²
- voltage: 230 V
- current: 10 A
- IP rating: IP20
- number of sockets: 4
- thermal fuse
- conductor: H05VV-F3G
- max. reeled load: 4 A max./920 W

- max. unreeled load: 10 A max./2 300 W
- children protection: no
- packaging: 1 pc, box



P19510

1/-/-6

19 28 141 000

E-XD04

Sockets, plugs, adaptors, timers, others

Holders

- extension cable holder, allows fixing to a wall
- in version for 3–4 or 5–6 sockets
- from thin white plastic that visually blends into the wall

P0003C

1/5/20/80

19 04 030 000

P3



8 595025 310002



product: holder for sockets of extension leads, for 3 and 4 sockets ▪ material: plastic ▪ packaging: 1 pc, hanging

P0004C

1/-/20/80

19 04 040 000

P0004C



8 592920 064672




product: holder for sockets of extension leads, for 5 and 6 sockets ▪ material: plastic ▪ packaging: 1 pc, hanging



Plugs, sockets

- accessories for assembling an extension cable
- enclosure: IP20, IP44 or IP65 and max. current load: 16 A
- straight or thin angle plugs – allow furniture close to wall
- many with loop for hanging (cable kept off the ground)
- sockets also fitted with child covers

P0047 1/5/-/200
19 26 010 100 EM-GBYC-01




8 595025 391865






product: socket for the flexible cord – straight = voltage/current: 250 V~/16 A max. = children protection = IP rating: IP20 = material: plastic = packaging: 1 pc, hanging

P0066 1/10/-/100
19 06 100 090 E-GRC-03




8 592920 038284






product: ultra thin fork for the flexible cord, angular = voltage/current: 250 V~/16 A max. = maximum load: 3 680 W = IP rating: IP20 = material: plastic = packaging: 1 pc, hanging

P0039 1/10/-/280
19 06 100 050 EM-GRC-02




8 595025 391834






product: plug for the flexible cord, angular = voltage/current: 250 V~/16 A max. = maximum load: 3 680 W = IP rating: IP20 = material: plastic = packaging: 1 pc, hanging

P0038 1/5/-/200
19 06 110 300 EM-GRC-01




8 595025 391841






product: plug for the flexible cord, straight = voltage/current: 250 V~/16 A max. = maximum load: 3 680 W = IP rating: IP20 = material: plastic = packaging: 1 pc, hanging

P0034 1/5/-/150
19 06 110 200 YC-FA-4Z




8 595025 363862






product: plug for the flexible cord, straight = voltage/current: 250 V~/16 A max. = maximum load: 3 680 W = IP rating: IP20 = material: plastic = packaging: 1 pc, hanging

P0049 1/5/30/60
19 26 010 200 YC-DA-14




8 592920 000397






product: the gum socket for the flexible cord = voltage/current: 250 V~/16 A max. = children protection = IP rating: IP44 = material: rubber = packaging: 1 pc, hanging

P0050 1/5/20/80
19 06 100 060 YC-DA-14Z




8 592920 000366






product: the gum fork for the flexible cord = voltage/current: 250 V~/16 A max. = maximum load: 3 680 W = IP rating: IP44 = material: rubber = packaging: 1 pc, hanging

P0072 1/-/6/36
19 05 010 003 P0072



8 592920 078211

product: USB socket = voltage/current: 250 V~/16 A max. = children protection = IP rating: IP20 = material: plastic = packaging: 1 pc, hanging

Adaptors

- splitter sockets with 1–4 outlets, fitted with child covers
- enable connecting multiple devices into one socket
- max. load 2 300 or 3 680 W, IP20 enclosure
- for connecting devices with round or flat plugs
- with or without switch

P00242

1/4/-/200

19 25 030 020

KF-Z-01/03A



8 595025 325013



product: adapter plug 3× = voltage/current: 250 V~/10 A max. = IP rating: IP20 = material: plastic = packaging: 1 pc, hanging

P0063

1/5/-/30

19 05 120 010

ES-01/02K



8 592920 036907



product: adapter plug 2× with switch = voltage/current: 250 V~/16 A max. = maximum load: 3 680 W = children protection = IP rating: IP20 = material: plastic = packaging: 1 pc, hanging

P00252

1/5/40/80

19 25 030 030

ODL-158



8 595025 390790



product: adapter plug 2× = voltage/current: 250 V~/10 A max. = children protection = IP rating: IP20 = material: plastic = packaging: 1 pc, hanging

P00262

1/5/80/160

19 25 030 040

P00262 (GES-058)



8 595025 390820



product: socket with switch = voltage/current: 250 V~/16 A max. = children protection = IP rating: IP20 = material: plastic = packaging: 1 pc, hanging

P00272

1/4/-/60

19 25 030 050

P00272 (GES-073)



8 595025 390851



product: adapter plug 3× = voltage/current: 250 V~/16 A max. = children protection = IP rating: IP20 = material: plastic = packaging: 1 pc, hanging

P00282

1/5/-/80

19 25 030 060

P00282 (GES-098)



8 595025 390882



product: adapter plug 3× with switch = voltage/current: 250 V~/16 A max. = children protection = IP rating: IP20 = material: plastic = packaging: 1 pc, hanging

P0013

1/5/50/100

19 05 030 000

DG-ZD01/3 (GES-003)



8 595025 309778



product: adapter plug 3× = voltage/current: 250 V~/3× 2.5 A max. = maximum load: 1 725 W = IP rating: IP20 = material: plastic = packaging: 1 pc, hanging

P00292

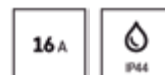
1/-/4/40

19 25 030 090

P00292



8 592920 078242



product: socket with switch = voltage/current: 250 V~/16 A max. = children protection = IP rating: IP44 = material: plastic = packaging: 1 pc, hanging

Travel adaptors

- travel aid for connecting to FRENCH and SCHUKO sockets
- often in the form of universal adapter w/ min. 5 plug types
- can be used in more than 150 world countries
- also with adapter w/ SCHUKO socket (used in DE, HU, SI etc.)
- max. current load of 10 or 16 A

designed for: for Europeans travelling abroad = using: America, Asia, Australia, New Zealand, China, Africa, Middle East, GB, Switzerland, Italy, HK, India etc. = packaging: 1 pc, small box



8 592920 120897

P0056N

19 10 000 900

1/-/-/20

1.103145

designed for: for foreigners arriving in Europe and having a different plug type than SCHUKO or FRENCH = using: plugs (USA, GB, JP, CN, AU etc.) into the SCHUKO (DE, HU, SI etc.) or FRENCH (CZ, SK, PL) systems = packaging: 1 pc, small box



8 592920 076323

P0055N

19 10 000 800

1/-/-/50

WORLD TO
EUROPE 2.0

Timers SCHUKO

- socket with timer automatically turns appliance on/off
- ideal for aquariums, terrariums, pool pumps and lighting
- mechanical timer sockets or more practical digital timers
- digital timer to plan out your week using 8–20 programmes
- can handle a max. load of 3 680 W

type: digital = voltage/current: 230 V~/16 A max. = maximum load: 3 680 W = minimal time setting: 1 minute = option of manual switch-on = number of programs: 8 = number of switching per day: 8 = function to change summer/winter time = IP rating: IP20 = packaging: 1 pc, box



8 592920 117880

P5521N

19 27 110 012

1/-/4/16

TS-ED1

type: mechanical = voltage/current: 230 V~/16 A max. = maximum load: 3 680 W = minimal time setting: 30 minutes = option of manual switch-on = number of switching per day: 48 = IP rating: IP20 = packaging: 1 pc, blister



P5523
19 27 010 020

1/4/-/36
15GD/3A

type: mechanical = voltage/current: 230 V~/16 A max. = maximum load: 3 680 W = minimal time setting: 30 minutes = option of manual switch-on = number of switching per day: 48 = IP rating: IP20 = packaging: 1 pc, box



P5523N
19 27 010 023

1/-/4/16
15GD-3A-1

type: mechanical = outdoor using = voltage/current: 230 V~/16 A max. = maximum load: 3 680 W = minimal time setting: 30 minutes = option of manual switch-on: no = number of switching per day: 48 = IP rating: IP44 = packaging: 1 pc, blister



P5526
19 27 110 031

1/2/-/40
P5526

type: mechanical = outdoor using = voltage/current: 230 V~/16 A max. = maximum load: 3 680 W = minimal time setting: 30 minutes = option of manual switch-on: no = number of switching per day: 48 = IP rating: IP44 = packaging: 1 pc, box



P5526N
19 27 110 033

1/-/4/16
EMT450

type: mechanical = voltage/current: 230 V~/16 A max. = maximum load: 3 680 W = minimal time setting: 15 minutes = option of manual switch-on = number of switching per day: 96 = IP rating: IP20 = packaging: 1 pc, blister



P5522
19 27 010 010

1/-/4/16
1E/2A

type: digital = outdoor using = voltage/current: 230 V~/16 A max. = maximum load: 3 680 W = minimal time setting: 1 minute = option of manual switch-on = number of programs: 10 = number of switching per day: 10 = function to change summer/winter time = IP rating: IP44 = packaging: 1 pc, blister

**P5525**

1/-/12/24

19 27 110 020

TGE-5B (TGE-5)

product: remote-controlled sockets, 2 sockets + 1× remote control = voltage/current: 250 V~/13 A max. = maximum load: 3 000 W = children protection = IP rating: IP44 = material: plastic = remote control: power supply 1× 3 V CR2032 (included) = packaging: 1 pc, small box

**P0068**

1/-/-/18

19 05 111 001

52023+50074

product: remote-controlled sockets, 3 sockets + 1× remote control = voltage/current: 230 V~/4.35 A max. = maximum load: 1 000 W = children protection = IP rating: IP20 = material: plastic = number of positions: 2P + PE = remote control: power supply 1× 3 V CR2032 (included) = packaging: 1 pc, small box

**P0069**

1/-/13/18

19 05 120 030

P0064

Energy consumption meters

- socket-powered wattmeter to measure appliance's consumption
- helps reduce expenses for electricity
- max. load 3 680 W
- displays: voltage, current, active power and power factor
- also fitted with child covers

- maximum load: 3 680 W
- voltage/current: 230 V~/16 A max.
- measuring range: 2 W–3 680 W
- range of power consumption: 0 kWh–9 999 kWh
- dimensions: 150 × 75 × 75 mm
- packaging: 1 pc, box

**P5822**

1/2/-/16




19 31 000 020

P5822

EMOS sockets, wall switches IP54,44




- installation: onto a wall
- enclosure: IP54, IP44
- double socket is internally interconnected

A1398 1/5/-/60
31 04 139 800 EF600SA




product: alternating switch - no. 6 = type: 250 V~/10 AX = colour: grey-black = type of mounting: on the wall = IP rating: IP54 = version: 1 button stairway, waterproof = packaging: 1 pc, PE packet

A1398.1 1/5/-/60
31 04 139 811 EF602S (EF602SA)




product: serial switch no. 5 (chandelier) = type: 250 V~/10 AX = colour: grey-black = type of mounting: on the wall = IP rating: IP54 = version: 2 buttons classic water-resistant = packaging: 1 pc, PE packet

A1398.2 1/5/-/60
19 50 011 202 EF600SB



product: cross switch no. 7 = type: 250 V~/10 AX = colour: grey-black = type of mounting: on the wall = IP rating: IP54 = version: 1 button = packaging: 1 pc, PE packet

A1399 1/5/-/60
19 50 011 201 EF600SD




product: switch controller (1/0) = type: 250 V~/10 A = colour: grey-black = type of mounting: on the wall = IP rating: IP54 = version: 1 button = packaging: 1 pc, PE packet

A1396 1/5/-/60
31 04 139 600 EF600G






product: socket with earthing pin and lid = design: SCHUKO = type: 250 V~/16 A max. = colour: grey-black = type of mounting: on the wall = IP rating: IP44 = version: single water-resistant = packaging: 1 pc, PE packet

A1398.3 1/5/-/60
19 50 011 203 EF600SA-B




product: alternating switch no. 6 = type: 250 V~/10 AX = colour: white = type of mounting: on the wall = IP rating: IP54 = version: 1 button stairway, waterproof = packaging: 1 pc, PE packet

A1396.1 1/5/-/25
31 04 139 611 EF602G

product: double socket with earthing pins and lids with interconnection = design: SCHUKO = type: 250 V~/16 A max. = colour: grey-black = type of mounting: on the wall = IP rating: IP44 = version: double water-resistant = packaging: 1 pc, PE packet

A1398.4 1/5/-/60
19 50 011 204 EF602S-B

product: serial switch no. 5 (chandelier) = type: 250 V~/10 AX = colour: white = type of mounting: on the wall = IP rating: IP54 = version: 2 buttons classic water-resistant = packaging: 1 pc, PE packet

A1396.2

1/5/-/25

19 50 011 207

EF600SAG



8 592920 090206



product: combination of alternating switch nr.6 and socket with earthing pin and lid = design: SCHUKO = type: socket 250 V~/16 A max.; switch 250 V~, 10AX = colour: grey-black = type of mounting: on the wall = IP rating: IP44 = version: double water-resistant - 1x socket + 1x alternating switch = packaging: 1 pc, PE packet

EMOS sockets, switches IP20

- installation: into a junction box
- in white colour
- frame and button material: high-quality polycarbonate (PC)

A6100.0

1/-/10/60

19 06 200 100

W13-C120Y



8 592920 074619



product: alternating switch no. 6 = type: 250 V~/10 AX = colour: white (gloss) = type of mounting: into a box = IP rating: IP20 = version: 1 button stairway = packaging: 1 pc, hanging

A6100.2

1/-/10/60

19 06 200 102

W13-C210/1Y



8 592920 074732



product: cross switch no. 7 = type: 250 V~/10 AX = colour: white (gloss) = type of mounting: into a box = IP rating: IP20 = version: 1 button = packaging: 1 pc, hanging

A6100.4

1/-/10/60

19 06 200 104

W13-C130Y



8 592920 074640



product: switch controller (1/0) = type: 250 V~/10 A = colour: white (gloss) = type of mounting: into a box = IP rating: IP20 = version: 1 button = packaging: 1 pc, hanging

A6100.1

1/-/10/60

19 06 200 101

W13-C210Y



8 592920 074671



product: parallel switch nr. 5 = type: 250 V~/10 AX = colour: white (gloss) = type of mounting: into a box = IP rating: IP20 = version: 2 buttons = packaging: 1 pc, hanging

A6100.3

1/-/10/60

19 06 200 103

W13-C230Y



8 592920 074701



product: double two-way switch 6+6 (5B) = type: 250 V~/10 AX = colour: white (gloss) = type of mounting: into a box = IP rating: IP20 = version: 2 buttons = packaging: 1 pc, hanging

A6003.0

1/-/10/40

19 06 300 103

W13-C192



8 592920 074947



product: switching device for adjustable LED lamps for turn-controls and button switching = design: 7-110 W/VA vakuové a halogenové žárovky na 230 V~, stmívatelné kompaktní zářivky. 3-60 W/VA pro stmívatelné LED = type: 230 V~, 50 Hz = colour: white (gloss) = version: turn-controls and button switching = packaging: 1 pc, hanging

A6000.5

1/-/10/40

19 06 010 512

W13-
C:311FUSBAC

8 592920 119570



product: single socket with protective contacts and USB output 3 A max. = design: SCHUKO = type: 250 V~/16 A max. = colour: white (gloss) = type of mounting: into a box (recommended depth min. 60 mm) = IP rating: IP20 = version: single = packaging: 1 pc, PE packet

A6000.1

1/-/10/40

19 06 010 501

W13-311FUSB2A



8 592920 070406



product: single socket with protective side contacts and USB output 2.1 A max. = design: SCHUKO = type: 250 V~/16 A max. = colour: white (gloss) = type of mounting: into a box (recommended depth min. 40 mm) = IP rating: IP20 = version: single = packaging: 1 pc, PE packet

A6004.2

1/-/5/30

19 06 300 100

W13-C004



8 592920 074916



product: quadruple frame = type: for horizontal and vertical installation = colour: white (gloss) = type of mounting: into a box = version: quadruple = packaging: 1 pc, hanging

A6004.0

1/-/10/60

19 06 300 102

W13-C002



8 592920 074855



product: double frame = type: for horizontal and vertical installation = colour: white (gloss) = type of mounting: into a box = version: double = packaging: 1 pc, hanging

A6004.1

1/-/10/60

19 06 300 101

W13-C003



8 592920 074886



product: triple frame = type: for horizontal and vertical installation = colour: white (gloss) = type of mounting: into a box = version: triple = packaging: 1 pc, hanging

A6004.4

1/-/10/240

19 06 300 105

W13-CTF/2



8 592920 083796



product: data socket cover 2xRJ45 = colour: white (gloss) = type of mounting: into a box = version: double = packaging: 1 pc, hanging

A6004.3

1/-/10/240

19 06 300 104

W13-CTRSO



8 592920 083789



product: socket cover TV+R+SAT = colour: white (gloss) = type of mounting: into a box = version: single = packaging: 1 pc, hanging

A6002.0

1/-/10/60

19 06 010 504

W13-C311



8 592920 074763



product: single socket with protective side contact = design: SCHUKO = type: 250 V~/16 A max. = colour: white (gloss) = type of mounting: into a box = IP rating: IP20 = version: single = packaging: 1 pc, hanging

A6100.5

1/-/10/60

19 06 200 105

W13-C120Y



8 592920 097151



product: alternating switch no. 6 = type: 250 V~/10 AX = colour: anthracite = type of mounting: into a box = IP rating: IP20 = version: 1 button stairway = packaging: 1 pc, hanging

A6100.7

1/-/10/60

19 06 200 107

W13-C210/1Y






8 592920 097199






product: cross switch no. 7 = type: 250 V~/10 AX = colour: anthracite = type of mounting: into a box = IP rating: IP20 = version: 1 button = packaging: 1 pc, hanging

A6100.9 1/-/10/60
19 06 200 109 W13-C130Y




product: switch controller (1/0) = type: 250 V~/10 A = colour: anthracite = type of mounting: into a box = IP rating: IP20 = version: 1 button = packaging: 1 pc, hanging

A6100.6 1/-/10/60
19 06 200 106 W13-C210Y

product: parallel switch nr. 5 = type: 250 V~/10 AX = colour: anthracite = type of mounting: into a box = IP rating: IP20 = version: 2 buttons = packaging: 1 pc, hanging

A6100.8 1/-/10/60
19 06 200 108 W13-C230Y

product: double two-way switch 6+6 (5B) = type: 250 V~/10 AX = colour: anthracite = type of mounting: into a box = IP rating: IP20 = version: 2 buttons = packaging: 1 pc, hanging

A6003.1 1/-/10/40
19 06 300 109 W13-C192





product: switching device for adjustable LED lamps for turn-controls and button switching = design: 7-110 W/VA vakuové a halogenové žárovky na 230 V~, stmívatelné kompaktní zářivky. 3-60 W/VA pro stmívatelné LED = type: 230 V~, 50 Hz = colour: anthracite = version: turn-controls and button switching = packaging: 1 pc, hanging

A6000.3 1/-/10/40
19 06 010 507 W13-311FUSB2A






product: single socket with protective side contact and USB output 2.1 A max. = design: SCHUKO = type: 250 V~/16 A max. = colour: anthracite = type of mounting: into a box (recommended depth min. 40 mm) = IP rating: IP20 = version: single = packaging: 1 pc, PE packet




A6002.2 1/-/10/60
19 06 010 510 W13-C311








product: single socket with protective pin and child safety cover = design: SCHUKO = type: 250 V~/16 A max. = colour: anthracite = type of mounting: into a box = IP rating: IP20 = version: single = packaging: 1 pc, hanging

A6004.5 1/-/10/60
19 06 300 108 W13-C002




product: double frame = type: for horizontal and vertical installation = colour: anthracite = type of mounting: into a box = version: double = packaging: 1 pc, hanging

A6004.6 1/-/10/60
19 06 300 107 W13-C003

product: triple frame = type: for horizontal and vertical installation = colour: anthracite = type of mounting: into a box = version: triple = packaging: 1 pc, hanging

A6004.7 1/-/5/30
19 06 300 106 W13-C004

product: quadruple frame = type: for horizontal and vertical installation = colour: anthracite = type of mounting: into a box = version: quadruple = packaging: 1 pc, hanging

A6004.8 1/-/10/240
19 06 300 110 W13-CTRSO





product: socket cover TV+R+SAT = colour: anthracite = type of mounting: into a box = version: single = packaging: 1 pc, hanging

A6004.9

1/-/10/240

19 06 300 111

W13-CTF/2RJ450



8 592920 097281



product: data socket cover 2xRJ45 = colour: anthracite = type of mounting: into a box =
version: double = packaging: 1 pc, hanging

GoSmart Wifi sockets

- Remote on/off switching of connected appliances
- Overview of electricity consumption of connected appliances
- Schedule creation and automatic ON/OFF settings
- Setting up delayed shutdown of appliances
- Network connection via WIFI or Bluetooth protocols
- Compatibility with EMOS GoSmart products and TUYA devices
- Voice control with Google Assistant and Amazon Alexa



- product: Wi-Fi socket
- maximum load: 3 680 W
- voltage/current: 230 V~/16 A max.
- transmission frequency: 2.4 GHz WIFI
- children protection
- supported OS: Android, iOS
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- control by voice assistants

▪ notifications to the mobile app



8 592920 120071

P5531

1/-/-/32

19 36 055 310

IP-3002S

Industrial plugs, 380 V sockets

- wall-mounted industrial plugs and sockets
- with max. current load of 16 or 32 A
- body made of plastic, screw terminals or screw-free design
- 3 phases, voltage 380–415 V, 4–5 poles

A6210

1/-/10/40

31 06 213 240

513.1656



8 001636 231440



- product: wall socket
- voltage/current: 380–415 V~/16 A
- IP rating: IP44
- material: plastic
- number of positions: 4
- packaging: no packaging

A6212

1/-/-/10

31 06 213 242

513.3256



8 001636 231563



- product: wall socket
- voltage/current: 380–415 V~/32 A
- IP rating: IP44
- material: plastic
- number of positions: 4
- packaging: no packaging

A6211 1/-/10/40
31 06 213 241 513.1657



- product: wall socket
- voltage/current: 380-415 V~/16 A
- IP rating: IP44
- material: plastic
- number of positions: 5
- packaging: no packaging



A6213 1/-/-/10
31 06 213 243 513.3257



- product: wall socket
- voltage/current: 380-415 V~/32 A
- IP rating: IP44
- material: plastic
- number of positions: 5
- packaging: no packaging



A6310 1/-/10/50
31 06 213 150 313.1646



- product: coupler
- voltage/current: 380-415 V~/16 A
- IP rating: IP44
- material: plastic
- number of positions: 4
- packaging: no packaging



A6312 1/10/-/40
31 06 213 152 313.3246



- product: coupler
- voltage/current: 380-415 V~/32 A
- IP rating: IP44
- material: plastic
- number of positions: 4
- packaging: no packaging



A6311 1/-/10/50
31 06 213 151 313.1647



- product: coupler
- voltage/current: 380-415 V~/16 A
- IP rating: IP44
- material: plastic
- number of positions: 5
- packaging: no packaging



A6313 1/-/10/40
31 06 213 153 313.3247



- product: coupler
- voltage/current: 380-415 V~/32 A
- IP rating: IP44
- material: plastic
- number of positions: 5
- packaging: no packaging



A6110 1/-/10/50
31 05 213 050 213.1636



- product: separate plug
- voltage/current: 380-415 V~/16 A
- IP rating: IP44
- material: plastic
- number of positions: 4
- packaging: no packaging



A6114 1/10/-/40
31 05 213 054 213.3236



- product: separate plug
- voltage/current: 380-415 V~/32 A
- IP rating: IP44
- material: plastic
- number of positions: 4
- packaging: no packaging



A6111 1/10/-/50
31 05 213 051 213.1637



- product: separate plug
- voltage/current: 380-415 V~/16 A
- IP rating: IP44
- material: plastic
- number of positions: 5
- packaging: no packaging



A6115 1/-/10/40
31 05 213 055 213.3237



- product: separate plug
- voltage/current: 380-415 V~/32 A
- IP rating: IP44
- material: plastic
- number of positions: 5
- packaging: no packaging




Flexo, assembled cords

Rubber




Two-cores

- rubber two-strand mobile cord with fixed-mount plug
- length 3 or 5 m, various cross sections, black

S03030 1/5/-/20
24 21 130 212 SY-10 (YC-B-2ZA, LA016A)




8 595025 348838




- conductor: H05RR-F
- length: 3 m
- type of insulation: rubber
- colour: black
- conductor cross section: 2× 1.0 mm²
- type: SY-10

▪ packaging: 1 pc, hanging

S03050 1/5/-/20
24 21 150 212 SY-10 (YC-B-2ZA, LA016A)




8 595025 348845




- conductor: H05RR-F
- length: 5 m
- type of insulation: rubber
- colour: black
- conductor cross section: 2× 1.0 mm²
- type: SY-10

▪ packaging: 1 pc, hanging

S03330 1/5/-/20
24 21 230 230 SY-10 (YC-B-2ZA, LA016A)




8 595025 382757




- conductor: H05RR-F
- length: 3 m
- type of insulation: rubber
- colour: black
- conductor cross section: 2× 1.5 mm²
- type: SY-10

▪ packaging: 1 pc, hanging

S03350 1/5/-/20
24 21 250 230 SY-10 (YC-B-2ZA, LA016A)



8 595025 382764

- conductor: H05RR-F
- length: 5 m
- type of insulation: rubber
- colour: black
- conductor cross section: 2× 1.5 mm²
- type: SY-10


▪ packaging: 1 pc, hanging

Three-cores




- rubber three-strand mobile cord with fixed-mount plug
- length 3 or 5 m, various cross sections, black

S03130 1/-/5/15

24 25 130 220 SY-11 (GEP-003, LA017D)



8 595025 353825






- conductor: H05RR-F
- length: 3 m
- type of insulation: rubber
- colour: black
- conductor cross section: 3× 1.0 mm²
- type: SY-11




▪ packaging: 1 pc, hanging

S03150 1/5/-/15

24 25 150 220 SY-11 (GEP-003, LA017D)



8 595025 353832






- conductor: H05RR-F
- length: 5 m
- type of insulation: rubber
- colour: black
- conductor cross section: 3× 1.0 mm²
- type: SY-11




▪ packaging: 1 pc, hanging

S03230 1/-/5/25

24 25 230 220 SY-11 (GEP-003, LA017D)



8 595025 353849






- conductor: H05RR-F
- length: 3 m
- type of insulation: rubber
- colour: black
- conductor cross section: 3× 1.5 mm²
- type: SY-11




▪ packaging: 1 pc, hanging

S03250 1/5/-/10

24 25 250 220 SY-11 (GEP-003, LA017D)



8 595025 353856






- conductor: H05RR-F
- length: 5 m
- type of insulation: rubber
- colour: black
- conductor cross section: 3× 1.5 mm²
- type: SY-11




▪ packaging: 1 pc, hanging

S03430 1/-/5/10

24 25 430 230 SY-11 (GEP-003, LA017D)



8 595025 383426






- conductor: H05RR-F
- length: 3 m
- type of insulation: rubber
- colour: black
- conductor cross section: 3× 2.5 mm²
- type: SY-11




▪ packaging: 1 pc, hanging

S03450 1/-/5/10

24 25 450 230 SY-11 (GEP-003, LA017D)



8 595025 383433






- conductor: H05RR-F
- length: 5 m
- type of insulation: rubber
- colour: black
- conductor cross section: 3× 2.5 mm²
- type: SY-11




▪ packaging: 1 pc, hanging

S00003 1/5/-/30

24 35 724 032 KF-CR1-H05RR-F3G0.75MM2



8 595025 323132

- conductor: H05RR-F
- length: 2.4 m
- type of insulation: braided/rubber
- colour: white
- conductor cross section: 3× 0.75 mm²
- type: KF-CR1-H05RR-F





▪ packaging: 1 pc, hanging





Flexo, assembled cords





PVC





Two-cores





- PVC two-strand mobile cord with fixed-mount plug
- black or white
- length 2, 3 or 5 m, various cross sections
- selected models fitted with switch





S12252	1/5/30/60	
24 01 520 132	HY020-F	
	 	
<ul style="list-style-type: none"> ▪ conductor: H03VVH2-F ▪ length: 2 m ▪ type of insulation: PVC ▪ colour: white ▪ conductor cross section: 2× 0.5 mm² ▪ type: KF-H1 (HY020-F) 	▪ packaging: 1 pc, hanging	

S15272	1/5/35/70	
24 01 720 132	HY020-F	
	 	
<ul style="list-style-type: none"> ▪ conductor: H03VVH2-F ▪ length: 2 m ▪ type of insulation: PVC ▪ colour: white ▪ conductor cross section: 2× 0.75 mm² ▪ type: KF-H1 (HY020-F) 	▪ packaging: 1 pc, hanging	


S15273	1/5/30/60	
24 01 730 132	HY020-F	
	 	
<ul style="list-style-type: none"> ▪ conductor: H03VVH2-F ▪ length: 3 m ▪ type of insulation: PVC ▪ colour: white ▪ conductor cross section: 2× 0.75 mm² ▪ type: KF-H1 (HY020-F) 	▪ packaging: 1 pc, hanging	

S15275	1/5/-/30	
24 01 750 132	HY020-F	
	 	
<ul style="list-style-type: none"> ▪ conductor: H03VVH2-F ▪ length: 5 m ▪ type of insulation: PVC ▪ colour: white ▪ conductor cross section: 2× 0.75 mm² ▪ type: KF-H1 (HY020-F) 	▪ packaging: 1 pc, hanging	




S19272	1/5/35/70	
24 01 720 232	HY020-F	
	 	
<ul style="list-style-type: none"> ▪ conductor: H03VVH2-F ▪ length: 2 m ▪ type of insulation: PVC ▪ colour: black ▪ conductor cross section: 2× 0.75 mm² ▪ type: KF-H1 (HY020-F) 	▪ packaging: 1 pc, hanging	

S19273	1/5/30/60	
24 01 730 232	HY020-F	
	 	
<ul style="list-style-type: none"> ▪ conductor: H03VVH2-F ▪ length: 3 m ▪ type of insulation: PVC ▪ colour: black ▪ conductor cross section: 2× 0.75 mm² ▪ type: KF-H1 (HY020-F) 	▪ packaging: 1 pc, hanging	

S19275 1/5/-/30
24 01 750 232 HY020-F




8 595025 318633




- conductor: H03VVH2-F
- length: 5 m
- type of insulation: PVC
- colour: black
- conductor cross section: 2× 0.75 mm²
- type: KF-H1 (HY020-F)

▪ packaging: 1 pc, hanging

S08272 1/5/30/60
24 02 720 132 KF-H1/S051E4




8 595025 321282




- conductor: H03VVH2-F
- length: 2 m
- type of insulation: PVC
- colour: white
- conductor cross section: 2× 0.75 mm²
- type: KF-H1/S051E4

▪ packaging: 1 pc, hanging

S08273 1/5/25/50
24 02 730 132 KF-H1/S051E4




8 595025 321299




- conductor: H03VVH2-F
- length: 3 m
- type of insulation: PVC
- colour: white
- conductor cross section: 2× 0.75 mm²
- type: KF-H1/S051E4

▪ packaging: 1 pc, hanging

S09272 1/5/25/50
24 02 720 232 KF-H1/S051E4




8 595025 321329




- conductor: H03VVH2-F
- length: 2 m
- type of insulation: PVC
- colour: black
- conductor cross section: 2× 0.75 mm²
- type: KF-H1/S051E4

▪ packaging: 1 pc, hanging

S09273 1/5/25/50
24 02 730 232 KF-H1/S051E4




8 595025 321336




- conductor: H03VVH2-F
- length: 3 m
- type of insulation: PVC
- colour: black
- conductor cross section: 2× 0.75 mm²
- type: KF-H1/S051E4

▪ packaging: 1 pc, hanging

S1111 1/5/35/70
24 00 517 252 KF-Y11-1(LY-21/LY-22)



8 595025 308764


- conductor: H03VVH2-F
- length: 1.75 m
- type of insulation: PVC
- colour: black
- conductor cross section: 2× 0.5 mm²
- type: KF-Y11-1

▪ packaging: 1 pc, hanging




Three-cores

- PVC three-strand mobile cord with fixed-mount plug
- black or white
- length 2, 3 or 5 m, various cross sections

S14372 1/5/-/40
24 13 720 132 KF-CR2 (HY005-F)




8 595025 314376




- conductor: H05VV-F 3G
- length: 2 m
- type of insulation: PVC
- colour: white
- conductor cross section: 3× 0.75 mm²
- type: KF-CR2 (HY005-F)

▪ packaging: 1 pc, hanging

S14373 1/5/-/30
24 13 730 132 KF-CR2 (HY005-F)




8 595025 314383



- conductor: H05VV-F 3G
- length: 3 m
- type of insulation: PVC
- colour: white
- conductor cross section: 3× 0.75 mm²
- type: KF-CR2 (HY005-F)

▪ packaging: 1 pc, hanging

S14375 1/5/-/25
24 13 750 132 KF-CR2 (HY005-F)




8 595025 314390



- conductor: H05VV-F 3G
- length: 5 m
- type of insulation: PVC
- colour: white
- conductor cross section: 3× 0.75 mm²
- type: KF-CR2 (HY005-F)

packaging: 1 pc, hanging

S14312 1/5/-/35
24 13 120 132 KF-CR2 (HY005-F)




8 595025 314314



- conductor: H05VV-F 3G
- length: 2 m
- type of insulation: PVC
- colour: white
- conductor cross section: 3× 1.0 mm²
- type: KF-CR2 (HY005-F)

packaging: 1 pc, hanging

S14313 1/5/-/30
24 13 130 132 KF-CR2 (HY005-F)




8 595025 314321



- conductor: H05VV-F 3G
- length: 3 m
- type of insulation: PVC
- colour: white
- conductor cross section: 3× 1.0 mm²
- type: KF-CR2 (HY005-F)

packaging: 1 pc, hanging

S14315 1/5/-/20
24 13 150 132 KF-CR2 (HY005-F)




8 595025 314338



- conductor: H05VV-F 3G
- length: 5 m
- type of insulation: PVC
- colour: white
- conductor cross section: 3× 1.0 mm²
- type: KF-CR2 (HY005-F)

packaging: 1 pc, hanging

S14322 1/5/-/35
24 13 220 132 KF-CR2 (HY005-F)




8 595025 314345



- conductor: H05VV-F 3G
- length: 2 m
- type of insulation: PVC
- colour: white
- conductor cross section: 3× 1.5 mm²
- type: KF-CR2 (HY005-F)

packaging: 1 pc, hanging

S14323 1/5/-/30
24 13 230 132 KF-CR2 (HY005-F)




8 595025 314352



- conductor: H05VV-F 3G
- length: 3 m
- type of insulation: PVC
- colour: white
- conductor cross section: 3× 1.5 mm²
- type: KF-CR2 (HY005-F)

packaging: 1 pc, hanging

S14325 1/5/-/20
24 13 250 132 KF-CR2 (HY005-F)




8 595025 314369



- conductor: H05VV-F 3G
- length: 5 m
- type of insulation: PVC
- colour: white
- conductor cross section: 3× 1.5 mm²
- type: KF-CR2 (HY005-F)

packaging: 1 pc, hanging

S18372 1/5/-/40
24 13 720 232 KF-CR2 (HY005-F)




8 595025 318640



- conductor: H05VV-F 3G
- length: 2 m
- type of insulation: PVC
- colour: black
- conductor cross section: 3× 0.75 mm²
- type: KF-CR2 (HY005-F)

packaging: 1 pc, hanging

S18373 1/5/-/35
24 13 730 232 KF-CR2 (HY005-F)




8 595025 318657



- conductor: H05VV-F 3G
- length: 3 m
- type of insulation: PVC
- colour: black
- conductor cross section: 3× 0.75 mm²
- type: KF-CR2 (HY005-F)

packaging: 1 pc, hanging

S18312 1/5/-/40
24 13 120 232 KF-CR2 (HY005-F)



8 595025 318671

- conductor: H05VV-F 3G
- length: 2 m
- type of insulation: PVC
- colour: black
- conductor cross section: 3× 1.0 mm²
- type: KF-CR2 (HY005-F)

packaging: 1 pc, hanging

S18313

1/5/-/35

24 13 130 232

KF-CR2 (HY005-F)



8 595025 318688



- conductor: H05VV-F 3G
- length: 3 m
- type of insulation: PVC
- colour: black
- conductor cross section: 3× 1.0 mm²
- type: KF-CR2 (HY005-F)

▪ packaging: 1 pc, hanging

S18315

1/5/-/20

24 13 150 232

KF-CR2 (HY005-F)



8 595025 318695



- conductor: H05VV-F 3G
- length: 5 m
- type of insulation: PVC
- colour: black
- conductor cross section: 3× 1.0 mm²
- type: KF-CR2 (HY005-F)

▪ packaging: 1 pc, hanging

S18322

1/5/-/35

24 13 220 232

KF-CR2 (HY005-F)



8 595025 318701



- conductor: H05VV-F 3G
- length: 2 m
- type of insulation: PVC
- colour: black
- conductor cross section: 3× 1.5 mm²
- type: KF-CR2 (HY005-F)

▪ packaging: 1 pc, hanging

S18323

1/5/-/30

24 13 230 232

KF-CR2 (HY005-F)



8 595025 318718



- conductor: H05VV-F 3G
- length: 3 m
- type of insulation: PVC
- colour: black
- conductor cross section: 3× 1.5 mm²
- type: KF-CR2 (HY005-F)

▪ packaging: 1 pc, hanging

S18325

1/5/-/20

24 13 250 232

KF-CR2 (HY005-F)



8 595025 318725



- conductor: H05VV-F 3G
- length: 5 m
- type of insulation: PVC
- colour: black
- conductor cross section: 3× 1.5 mm²
- type: KF-CR2 (HY005-F)

▪ packaging: 1 pc, hanging

S11370

1/-/-/50

24 17 715 202

JT003/JT-ST3
(LA010A)

8 595025 323118



- conductor: H05VV-F 3G
- length: 1.5 m
- type of insulation: PVC
- colour: black
- conductor cross section: 3× 0.75 mm²
- type: JT003/JT-ST3

▪ packaging: 1 pc, hanging

Cables



Data cables UTP, FTP

Data cables CAT 5E

- EMOS structured cabling components always in top quality
- guarantee maximum output, flawless running, long life
- UTP/FTP cables meet standards EN 50173, ANSI/TIA/EIA 568
- also comply with ISO/IEC 11801
- certified by accredited testing and calibration laboratory
- meet standard ČSN EN 50575 (reaction to fire)

type: UTP CAT 5E PVC BASIC = cable structure: wire = material of the inner conductor: copper (Cu) = wire insulation: HDPE = strength member: Nylon 150D = cable sheath: PVC = jacket diameter: 5.0 mm = highest supported protocol: 1000 Base-T (Gigabit Ethernet) = reaction to the fire: Eca = dangerous substances: none = packaging: 305 m, paper box



S9134

305/-/-/305

23 09 010 120 UTP CAT5E PVC BASIC

type: UTP CAT 5E PVC = cable structure: wire = material of the inner conductor: copper (Cu) = wire insulation: HDPE = strength member: Nylon 150D = cable sheath: PVC = jacket diameter: 5.2 mm = highest supported protocol: 1000 Base-T (Gigabit Ethernet) = reaction to the fire: Eca = dangerous substances: none = packaging: 305 m, paper box



S9121

305/-/-/305

23 09 010 010 UTP CAT5E PVC

type: UTP CAT 5E LSZH = cable structure: wire = material of the inner conductor: copper (Cu) = wire insulation: HDPE = strength member: Nylon 150D = cable sheath: LSZH = jacket diameter: 5.2 mm = low smoke zero halogen (LSZH) coat = highest supported protocol: 1000 Base-T (Gigabit Ethernet) = reaction to the fire: Dca-s2-d2-a1 = dangerous substances: none = packaging: 305 m, paper box



S9129 305/-/-/305
23 09 010 090 UTP CAT5E LSZH

type: FTP CAT 5E PVC = cable structure: wire = shielding: Al/PET 7/12-18 mm = material of the inner conductor: copper (Cu) = wire insulation: HDPE = strength member: Nylon 150D = cable sheath: PVC = jacket diameter: 6.0 mm = highest supported protocol: 1000 Base-T (Gigabit Ethernet) = reaction to the fire: Eca = dangerous substances: none = packaging: 305 m, paper box



S9221 305/-/-/305
23 09 110 010 FTP CAT5E PVC

type: FTP CAT 5E LSZH = cable structure: wire = shielding: Al/PET 7/12-18 mm = material of the inner conductor: copper (Cu) = wire insulation: HDPE = strength member: Nylon 150D = cable sheath: LSZH = jacket diameter: 6.0 mm = low smoke zero halogen (LSZH) coat = highest supported protocol: 1000 Base-T (Gigabit Ethernet) = reaction to the fire: Dca-s2-d2-a1 = dangerous substances: none = packaging: 305 m, paper box



S9222 305/-/-/305
23 09 110 020 FTP CAT5E LSZH

type: UTP CAT 5E CCA OEM = cable structure: wire = material of the inner conductor: copper clad Al (CCA) = wire insulation: HDPE = strength member: Nylon 150D = cable sheath: PVC = jacket diameter: 5.2 mm = highest supported protocol: 100 Base-TX = reaction to the fire: Eca = dangerous substances: none = packaging: 305 m, paper box



S9128 305/-/-/305
23 09 010 080 UTP CAT5E CCA

type: UTP CAT 5E 1M = cable structure: stranded wires = material of the inner conductor: copper clad Al (CCA) = wire insulation: HDPE = strength member: Nylon 150D = cable sheath: PVC = jacket diameter: 5 mm = highest supported protocol: 1000 Base-T (Gigabit Ethernet) = reaction to the fire: do not subject to CPR = dangerous substances: do not subject to CPR = packaging: 1 pc, PVC packet



S9122 1/5/25/100
23 09 010 020 UTP CAT5E PVC 1M

type: UTP CAT 5E 2M = cable structure: stranded wires = material of the inner conductor: copper clad Al (CCA)
= wire insulation: HDPE = strength member: Nylon 150D = cable sheath: PVC = jacket diameter: 5 mm =
highest supported protocol: 1000 Base-T (Gigabit Ethernet) = reaction to the fire: do not subject to CPR =
dangerous substances: do not subject to CPR = packaging: 1 pc, PVC packet



S9123

1/-/-/60

23 09 010 030

UTP CAT5E PVC
2M

type: UTP CAT 5E 3M = cable structure: stranded wires = material of the inner conductor: copper clad Al (CCA)
= wire insulation: HDPE = strength member: Nylon 150D = cable sheath: PVC = jacket diameter: 5 mm =
highest supported protocol: 1000 Base-T (Gigabit Ethernet) = reaction to the fire: do not subject to CPR =
dangerous substances: do not subject to CPR = packaging: 1 pc, PVC packet



S9124

1/-/10/40

23 09 010 040

UTP CAT5E PVC
3M

type: UTP CAT 5E 5M = cable structure: stranded wires = material of the inner conductor: copper clad Al (CCA)
= wire insulation: HDPE = strength member: Nylon 150D = cable sheath: PVC = jacket diameter: 5 mm =
highest supported protocol: 1000 Base-T (Gigabit Ethernet) = reaction to the fire: do not subject to CPR =
dangerous substances: do not subject to CPR = packaging: 1 pc, PVC packet



S9125

1/-/10/20

23 09 010 050

UTP CAT5E PVC
5M

type: UTP CAT 5E 10M = cable structure: stranded wires = material of the inner conductor: copper clad Al (CCA)
= wire insulation: HDPE = strength member: Nylon 150D = cable sheath: PVC = jacket diameter: 5 mm =
highest supported protocol: 1000 Base-T (Gigabit Ethernet) = reaction to the fire: do not subject to CPR =
dangerous substances: do not subject to CPR = packaging: 1 pc, PVC packet



S9126

1/-/10/30

23 09 010 060

UTP CAT5E PVC
10M

type: UTP CAT 5E 15M = cable structure: stranded wires = material of the inner conductor: copper clad Al (CCA)
= wire insulation: HDPE = strength member: Nylon 150D = cable sheath: PVC = jacket diameter: 5 mm =
highest supported protocol: 1000 Base-T (Gigabit Ethernet) = reaction to the fire: do not subject to CPR =
dangerous substances: do not subject to CPR = packaging: 1 pc, PVC packet



S9127

1/-/5/20

23 09 010 070

UTP CAT5E PVC
15M

type: UTP CAT 5E 25M = cable structure: stranded wires = material of the inner conductor: copper clad Al (CCA) = wire insulation: HDPE = cable sheath: PVC = jacket diameter: 5 mm = highest supported protocol: 1000 Base-T (Gigabit Ethernet) = reaction to the fire: do not subject to CPR = dangerous substances: do not subject to CPR = packaging: 1 pc, PVC packet



S9130 1/-/-/10
23 09 010 100 UTP CAT5E PVC 25M

Data cables CAT 6

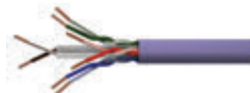
- EMOS structured cabling components always in top quality
- guarantee maximum output, flawless running, long life
- UTP/FTP cables meet standards EN 50173, ANSI/TIA/EIA 568
- also comply with ISO/IEC 11801
- certified by accredited testing and calibration laboratory
- meet standard ČSN EN 50575 (reaction to fire)

type: UTP CAT 6 PVC = cable structure: wire = material of the inner conductor: copper (Cu) = wire insulation: HDPE = strength member: 150D nylon + PE cross = cable sheath: PVC = jacket diameter: 6.3 mm = highest supported protocol: 1000 Base-TX (Gigabit Ethernet) = reaction to the fire: Eca = dangerous substances: none = packaging: 305 m, paper box



S9131 305/-/-/305
23 09 020 010 UTP CAT6 PVC

type: UTP CAT 6 LSZH = cable structure: wire = material of the inner conductor: copper (Cu) = wire insulation: HDPE = strength member: 150D nylon + PE cross = cable sheath: LSZH = jacket diameter: 6.3 mm = low smoke zero halogen (LSZH) coat = highest supported protocol: 1000 Base-TX (Gigabit Ethernet) = reaction to the fire: Dca-s2-d2-a2 = dangerous substances: none = packaging: 305 m, paper box



S9132 305/-/-/305
23 09 020 020 UTP CAT6 LSZH

type: FTP CAT 6 LSZH = cable structure: wire = shielding: Al/PET 7/12-18 mm = material of the inner conductor: copper (Cu) = wire insulation: HDPE = strength member: 150D nylon + PE cross = cable sheath: LSZH = jacket diameter: 6.3 mm = highest supported protocol: 1000 Base-T (Gigabit Ethernet) = reaction to the fire: Dca-s2-d2-a2 = dangerous substances: none = packaging: 500 m, wooden drum



S9230 500/-/-/500
23 09 120 010 FTP CAT6 LSZH

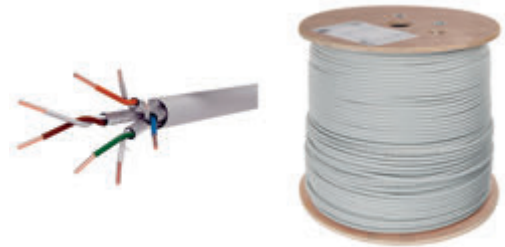
type: STP CAT 6A LSZH = cable structure: wire = shielding: Al/PET 7/12-18 mm = material of the inner conductor: copper (Cu) = wire insulation: HDPE = strength member: 150D nylon + PE cross = cable sheath: LSZH = jacket diameter: 7.6 mm = low smoke zero halogen (LSZH) coat = highest supported protocol: 10GBASE-T = reaction to the fire: B2ca-s1-d1-a1 = dangerous substances: none = packaging: 500 m, wooden drum



S9310 500/-/-/500
23 09 130 010 STP CAT6A LSZH



type: FFTP CAT 6A LSZH = cable structure: wire = shielding: Al/PET 7/12-18 mm = material of the inner conductor: copper (Cu) = wire insulation: HDPE = strength member: 150D nylon + PE cross = cable sheath: LSZH = jacket diameter: 7.6 mm = low smoke zero halogen (LSZH) coat = highest supported protocol: 10GBASE-T = reaction to the fire: Dca-s1-d2-a1 = dangerous substances: none = packaging: 500 m, wooden drum



S9320 500/-/-/500
23 09 130 020 FFTP CAT6A LSZH



Connectors, patch accessories

Connection patch cables, accessories

- for data transfer in computer and telecommunication networks
- terminate in RJ45 connectors (in category CAT5E or CAT6)
- length: 1-25 m, diameter: 5 mm, PVC jacket, 5 year warranty
- separate RJ45 (CAT5E) sockets and connectors also available

- type: connector RJ45 8p8c = packaging: 20 pcs, PVC packet
- category: CAT6
- designed for cable: UTP
- using: solid wire
- min. lifetime: 1 000 connect/disconnect cycles
- storage temperature: -40-70 °C
- operating temperature: -10-60 °C
- maximum operating humidity: 93 %
- dimensions: 22 × 12 × 10 mm



K0103 20/-/-/5 000
18 21 000 700 RJ45 6 UTP SOLID

- type: connector RJ45 8p8c
 - category: CAT5E
 - designed for cable: FTP, SFTP, F/UTP
 - using: solid wire
 - shielding
 - min. lifetime: 1 000 connect/disconnect cycles
 - storage temperature: -40-70 °C
 - operating temperature: -10-60 °C
 - maximum operating humidity: 93 %
- dimensions: 22 × 12 × 10 mm
 - packaging: 20 pcs, PVC packet



K0201

20/-/-/5 000

18 21 100 100

RJ45 5E FTP
SOLID

- type: connector RJ45 8p8c
 - category: CAT6
 - designed for cable: FTP, SFTP, F/UTP
 - using: solid wire
 - shielding
 - min. lifetime: 1 000 connect/disconnect cycles
 - storage temperature: -40-70 °C
 - operating temperature: -10-60 °C
 - maximum operating humidity: 93 %
- dimensions: 22 × 12 × 10 mm
 - packaging: 20 pcs, PVC packet



K0202

20/-/-/5 000

18 21 100 200

RJ45 6 FTP SOLID

- type: RJ45 connector protection
- using: reduces the stress of RJ45 connector
- dimensions: 30 × 13 × 11 mm
- packaging: 20 pcs, PVC packet



K0141

20/-/-/5 000

18 21 000 400

RJ45 PROOF
BLACK

- type: RJ45 connector protection
- using: reduces the stress of RJ45 connector
- dimensions: 30 × 13 × 11 mm
- packaging: 20 pcs, PVC packet



K0151

20/-/-/5 000

18 21 000 600

RJ45 PROOF
GRAY

- type: connector RJ45 8p8c
 - category: CAT5E
 - designed for cable: UTP
 - using: litz wire
 - min. lifetime: 1 000 connect/disconnect cycles
 - storage temperature: -40-70 °C
 - operating temperature: -10-60 °C
 - maximum operating humidity: 93 %
 - dimensions: 22 × 12 × 10 mm
- packaging: 20 pcs, PVC packet



K0101

20/-/-/5 000

18 21 000 100

RJ45 5E UTP
WIRE

- type: connector RJ45 8p8c
- category: CAT5E
- designed for cable: UTP
- using: solid wire
- min. lifetime: 1 000 connect/disconnect cycles
- storage temperature: -40-70 °C
- operating temperature: -10-60 °C
- maximum operating humidity: 93 %
- dimensions: 22 × 12 × 10 mm

▪ packaging: 20 pcs, PVC packet



K0102

20/-/-/5 000

18 21 000 500

RJ45 5E UTP
SOLID

- type: UTP socket wall mount
- reaction to the fire: do not subject to CPR
- dangerous substances: do not subject to CPR
- packaging: 1 pc, PVC packet



J0401

1/-/25/250

25 12 000 100

2XRJ45 SOCKET

- type: keystone RJ45 CAT5E
- category: CAT5E
- designed for cable: UTP
- using: solid wire
- min. lifetime: 1 000 connect/disconnect cycles
- storage temperature: -40-70 °C
- operating temperature: -10-60 °C
- maximum operating humidity: 93 %
- dimensions: 31 × 20 × 15 mm

▪ packaging: 1 pc, PVC packet



K0301

1/10/-/500

18 21 000 800

KSTUTP CAT5E

- type: keystone RJ45 CAT5E
- category: CAT5E
- designed for cable: FTP, SFTP, F/UTP
- using: solid wire
- shielding
- min. lifetime: 1 000 connect/disconnect cycles
- storage temperature: -40-70 °C
- operating temperature: -10-60 °C
- maximum operating humidity: 93 %

▪ dimensions: 31 × 20 × 15 mm
▪ packaging: 1 pc, PVC packet



K0311

1/10/-/500

18 21 100 300

KSTFTP CAT5E

- type: keystone RJ45 CAT6
- category: CAT6
- designed for cable: FTP, SFTP, F/UTP
- using: solid wire
- shielding
- min. lifetime: 1 000 connect/disconnect cycles
- storage temperature: -40-70 °C
- operating temperature: -10-60 °C
- maximum operating humidity: 93 %

▪ dimensions: 31 × 20 × 15 mm
▪ packaging: 1 pc, PVC packet



K0312

1/10/-/500

18 21 100 301

KSTFTP CAT6

Connectors IEC, F, reductions

- IEC connectors: straight/angle couplers, plugs and sockets
- F connectors available as straight/angled, screwed/inserted
- F connector size depends on coaxial cable thickness (4–5 mm)

K1331 10/-/-/2 500
18 04 100 100 A203R



8 595025 356710

- version: plug
- type: direct
- packaging: 10 pcs, packet



10x

K1731 10/-/-/2 500
18 04 000 100 A204R



8 595025 356796

- version: socket
- type: direct
- packaging: 10 pcs, packet



10x

K1451 10/-/-/2 500
18 04 100 500 A224



8 595025 356772

- version: plug
- type: angular
- packaging: 10 pcs, packet



10x

K1851 10/-/-/2 500
18 04 000 500 A224F



8 595025 356857

- version: socket
- type: angular
- packaging: 10 pcs, packet



10x

K1421 10/-/-/2 500
18 04 100 300 A205R



8 595025 356741

- version: plug
- type: angular
- packaging: 10 pcs, packet



10x

K1821 10/-/-/2 500
18 04 000 300 A206R



8 595025 356826

- version: socket
- type: angular
- packaging: 10 pcs, packet



10x

R5060 10/-/-/2 500
18 04 300 100 A223R



8 595025 357472

- version: coupling
- type: direct
- packaging: 10 pcs, packet



10x

K7311 10/-/-/4 000
18 07 100 300 M5609L



8 595025 357311

- version: screw plug
- type: screwing
- for coax: 3C2V
- dimensions: 4.0/4.9 mm
- packaging: 10 pcs, packet



10x

K7321 10/-/-/4 000
18 07 100 400 M5609M



- version: plug
- type: screwing
- for coax: CB-500
- dimensions: 4.0/5.5 mm
- packaging: 10 pcs, packet



10x

K7331 10/-/-/4 000
18 07 100 500 M5609H



- version: plug
- type: screwing
- for coax: CB-100
- dimensions: 5.0/6.5 mm
- packaging: 10 pcs, packet



10x

K7351 10/-/-/4 000
18 07 100 700 M7351T



- version: plug
- type: screwing
- for coax: CB-113N
- dimensions: 5.0/7.0 mm
- packaging: 10 pcs, packet



10x

R5602 10/-/-/4 000
18 07 300 100 M5602



- version: coupling
- type: screwing
- for coax: any
- packaging: 10 pcs, packet



10x

R5610 10/-/-/2 000
18 07 300 200 M5610



- version: coupling
- type: screwing
- for coax: any
- packaging: 10 pcs, packet



10x

R5639 10/-/-/2 000
18 07 200 100 M5639



- version: reduction
- type: screwing
- for coax: any
- packaging: 10 pcs, packet



10x

R5851 10/-/-/2 000
18 07 200 600 M5851



- version: reduction IEC-F
- type: screwing/slip-on
- for coax: any
- packaging: 10 pcs, packet



10x

R5852 10/-/-/2 000
18 07 200 700 M5852



- version: reduction F-IEC
- type: screwing/slip-on
- for coax: any
- packaging: 10 pcs, packet



10x

R5553 10/-/-/1 500
18 07 200 300 M5553



- version: reduction F-BNC
- type: screwing/slip-on
- for coax: any
- packaging: 10 pcs, packet



10x

R5850 10/-/-/2 000
18 07 200 500 M5850



- version: reduction F-IEC
- type: screwing/slip-on
- for coax: any
- packaging: 10 pcs, packet



10x

K9304 1/150/-/150

18 11 000 200 K9304



8 595025 321350



- connectors: SCART – 3× CINCH + SVHS
- switch IN/OUT
- packaging: 1 pc, packet

K1731.2 2/-/20/480

18 04 000 600 K1731.2



8 592920 086032



- version: socket
- type: direct
- packaging: 2 pc, paper blister

K1821.2 2/-/20/480

18 04 000 601 K1821.2



8 592920 086049



- version: socket
- type: angular
- packaging: 2 pc, paper blister

K1851.2 2/-/20/480

18 04 000 602 K1851.2



8 592920 086056



- version: socket
- type: angular
- packaging: 2 pc, paper blister

K1331.2 2/-/20/480

18 04 100 701 K1331.2



8 592920 086063



- version: plug
- type: direct
- packaging: 2 pc, paper blister

K1421.2 2/-/20/480

18 04 100 702 K1421.2



8 592920 086070



- version: plug
- type: angular
- packaging: 2 pc, paper blister

K1451.2 2/-/20/480

18 04 100 703 K1451.2



8 592920 086087



- version: plug
- type: angular
- packaging: 2 pc, paper blister

R5060.2 2/-/20/480

18 04 300 200 R5060.2




8 592920 086094




- version: coupling
- type: direct
- packaging: 2 pc, paper blister

K7321.2 2/-/20/480

18 07 100 800 K7321.2




8 592920 086100




- version: plug
- type: screwing
- for coax: CB-500
- dimensions: 4.0/5.5 mm
- packaging: 2 pc, paper blister

K7331.2 2/-/20/480

18 07 100 801 K7331.2




8 592920 086117




- version: plug
- type: screwing
- for coax: CB-100
- dimensions: 5.0/6.5 mm
- packaging: 2 pc, paper blister

K7351.2 2/-/20/480
18 07 100 802 K7351.2



8 592920 086124



- version: plug
- type: screwing
- for coax: CB-113N
- dimensions: 5.0/7.0 mm
- packaging: 2 pc, paper blister

R5850.2 2/-/20/480
18 07 100 803 R5850.2



8 592920 086131



- version: reduction F-IEC
- type: screwing/slip-on
- for coax: any
- packaging: 2 pc, paper blister

R5852.2 2/-/20/480
18 07 100 804 R5852.2



8 592920 086148



- version: reduction F-IEC
- type: screwing/slip-on
- for coax: any
- packaging: 2 pc, paper blister

R5639.2 2/-/20/480
18 07 201 000 R5639.2



8 592920 086155




- version: reduction
- type: screwing
- for coax: any
- packaging: 2 pc, paper blister

R5602.2 2/-/20/480
18 07 300 300 R5602.2




8 592920 086162




- version: coupling
- type: screwing
- for coax: any
- packaging: 2 pc, paper blister

R5610.2 2/-/20/480
18 07 300 301 R5610.2



8 592920 086179



- version: coupling
- type: screwing
- for coax: any
- packaging: 2 pc, paper blister

Twin-shielded cables CYH

- transparent audio dual links made of OFC
- copper purity: 99.999 %
- CYH dual links in white or black

- conductor cross section: 0.75 mm²
- diameter of the inner conductor: 105× 0.095 mm
- sheath color: transparent, transparent
- maximum operating voltage: 50 V
- packaging: 100 m, reel



S8307 100/-/-/400
23 08 207 500 SPTP075

- conductor cross section: 1.0 mm²
- diameter of the inner conductor: 140× 0.095 mm
- sheath color: transparent, transparent
- maximum operating voltage: 50 V
- packaging: 100 m, reel



S8310 100/-/-/400
23 08 210 000 SPTP100



- conductor cross section: 1.5 mm²
- diameter of the inner conductor: 210× 0.095 mm
- sheath color: transparent, transparent
- maximum operating voltage: 50 V
- packaging: 100 m, reel



S8314 100/-/-/200
23 08 215 000 SPTP150



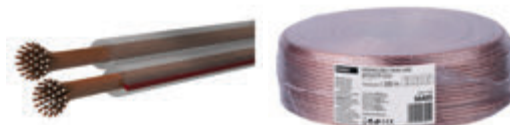
- conductor cross section: 2.5 mm²
- diameter of the inner conductor: 350× 0.095 mm
- sheath color: transparent, transparent
- maximum operating voltage: 50 V
- packaging: 100 m, reel



S8324 100/-/-/200
23 08 225 000 SPTP250



- conductor cross section: 2.5 mm²
- diameter of the inner conductor: 123× 0.16 mm
- sheath color: transparent, transparent
- maximum operating voltage: 50 V
- packaging: 100 m, PE foil



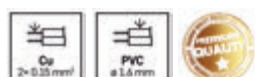
S8405 100/-/-/200
23 08 325 000 SPTP250 ECO



- conductor cross section: 0.15 mm²
- diameter of the inner conductor: 14× 0.12 mm
- sheath color: white, white
- maximum operating voltage: 50 V
- packaging: 200 m, reel



S8131 200/-/-/800
23 08 201 510 BCYH015W



- conductor cross section: 0.35 mm²
- diameter of the inner conductor: 30× 0.12 mm
- sheath color: white, white
- maximum operating voltage: 50 V
- packaging: 100 m, reel



S8231 100/-/-/400
23 08 203 510 BCYH035W



- conductor cross section: 0.5 mm²
- diameter of the inner conductor: 45× 0.12 mm
- sheath color: white, white
- maximum operating voltage: 50 V
- packaging: 100 m, reel



S8251 100/-/-/400
23 08 205 010 BCYH050W



- conductor cross section: 0.75 mm²
- diameter of the inner conductor: 67× 0.12 mm
- sheath color: white, white
- maximum operating voltage: 50 V
- packaging: 100 m, reel



S8271 100/-/-/400
23 08 207 510 BCYH075W



- conductor cross section: 1.0 mm²
- diameter of the inner conductor: 90× 0.12 mm
- sheath color: white, white
- maximum operating voltage: 50 V
- packaging: 100 m, reel



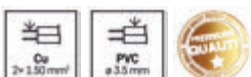
S8281 100/-/-/200
23 08 210 010 BCYH100W



- conductor cross section: 1.5 mm²
- diameter of the inner conductor: 133× 0.12 mm
- sheath color: white, white
- maximum operating voltage: 50 V
- packaging: 100 m, reel



S8291 100/-/-/200
23 08 215 010 BCYH150W



- conductor cross section: 0.15 mm²
- diameter of the inner conductor: 14× 0.12 mm
- sheath color: black, black/red
- maximum operating voltage: 50 V
- packaging: 200 m, reel



S8130 200/-/-/800
23 08 201 550 BCYH015BKR



- conductor cross section: 0.35 mm²
- diameter of the inner conductor: 30× 0.12 mm
- sheath color: black, black/red
- maximum operating voltage: 50 V
- packaging: 100 m, reel



S8230 100/-/-/400
23 08 203 550 BCYH035BKR



- conductor cross section: 0.5 mm²
- diameter of the inner conductor: 45× 0.12 mm
- sheath color: black, black/red
- maximum operating voltage: 50 V
- packaging: 100 m, reel



S8250 100/-/-/400
23 08 205 050 BCYH050BKR



- conductor cross section: 0.75 mm²
- diameter of the inner conductor: 67× 0.12 mm
- sheath color: black, black/red
- maximum operating voltage: 50 V
- packaging: 100 m, reel



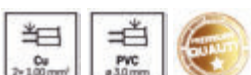
S8270 100/-/-/400
23 08 207 550 BCYH075BKR



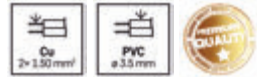
- conductor cross section: 1.0 mm²
- diameter of the inner conductor: 90× 0.12 mm
- sheath color: black, black/red
- maximum operating voltage: 50 V
- packaging: 100 m, reel



S8280 100/-/-/200
23 08 210 050 BCYH100BKR



- conductor cross section: 1.5 mm²
- diameter of the inner conductor: 133× 0.12 mm
- sheath color: black, black/red
- maximum operating voltage: 50 V
- packaging: 100 m, reel



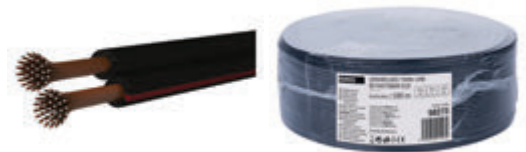
S8290 100/-/-/200
23 08 215 050 BCYH150BKR

- conductor cross section: 0.5 mm²
- diameter of the inner conductor: 45× 0.12 mm
- sheath color: black, black/red
- maximum operating voltage: 50 V
- packaging: 100 m, PE foil



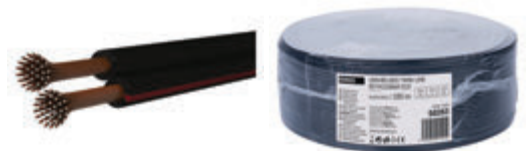
S8253 100/-/400/800
23 08 305 050 SPBKR050 ECO

- conductor cross section: 0.75 mm²
- diameter of the inner conductor: 67× 0.12 mm
- sheath color: black, black/red
- maximum operating voltage: 50 V
- packaging: 100 m, PE foil



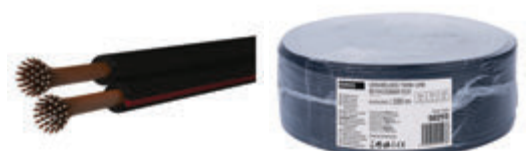
S8273 100/-/400/800
23 08 307 550 SPBKR075 ECO

- conductor cross section: 1.0 mm²
- diameter of the inner conductor: 50× 0.16 mm
- sheath color: black, black/red
- maximum operating voltage: 50 V
- packaging: 100 m, PE foil



S8283 100/-/-/400
23 08 310 050 SPBKR100 ECO

- conductor cross section: 1.5 mm²
- diameter of the inner conductor: 133× 0.12 mm
- sheath color: black, black/red
- maximum operating voltage: 50 V
- packaging: 100 m, PE foil



S8293 100/-/-/400
23 08 315 050 SPBKR150 ECO

Coaxial cables

Coaxial cables 50 Ohm

- line of high-quality coaxial cables for indoor & outdoor use
- quality of CB series coax. cables guarantees long cable life
- purity of copper ensures stability & excellent transmission
- wide range for choosing the right cable for your application
- certified by accredited testing and calibration laboratory
- meet standard ČSN EN 50575 (products' reaction to fire)
- quality of CB series coax. cables guarantees long cable life

coaxial cable type: RG58/U = intended use: short distribution systems, telecommunication antenna connections = UV resistant = suitable for outdoor use = material of the inner conductor: stranded wires, copper (Cu) = diameter of the inner conductor: 17× 0.19 mm = dielectric type, diameter: SPE 3.0 mm = number of shieldings: 1 = material of the shielding: copper clad aluminium (CCA) = number of braiding wires: 112× 0.12 mm = diameter of cable sheath: 5 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: black = reaction to the fire: Eca = dangerous substances: none = packaging: 500 m, wooden drum

**S5213**

500/-/-/500

23 05 058 401

RG58U

Coaxial cables 75 Ohm

- line of high-quality coaxial cables for indoor & outdoor use
- quality of CB series coax. cables guarantees long cable life
- purity of copper ensures stability & excellent transmission
- wide range for choosing the right cable for your application
- certified by accredited testing and calibration laboratory
- meet standard ČSN EN 50575 (products' reaction to fire)
- quality of CB series coax. cables guarantees long cable life

coaxial cable type: CB113 = intended use: tertiary distribution CATV, SAT = material of the inner conductor: copper (Cu) = diameter of the inner conductor: 1.13 mm = dielectric type, diameter: FPE 4.8 mm = number of shieldings: 3 = shielding I. foil: 1× Al/PES = material of the shielding: tinned cooper (CuSn) = number of braiding wires: 144× 0.12 mm = shielding II. foil: Al/PES spiral = diameter of cable sheath: 7,05 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: white = reaction to the fire: Eca = dangerous substances: none = packaging: 100 m, reel

**S5261**

100/-/-/200

23 05 113 000

CB113

coaxial cable type: CB113 = intended use: tertiary distribution CATV, SAT = material of the inner conductor: copper (Cu) = diameter of the inner conductor: 1.13 mm = dielectric type, diameter: FPE 4.8 mm = number of shieldings: 3 = shielding I. foil: 1x Al/PES = material of the shielding: tinned cooper (CuSn) = number of braiding wires: 144x 0,12 mm = shielding II. foil: Al/PES spiral = diameter of cable sheath: 7,05 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: white = reaction to the fire: Eca = dangerous substances: none = packaging: 250 m, reel box



S5262 250/-/-500
23 05 113 002 CB113

coaxial cable type: CB113 = intended use: tertiary distribution CATV, SAT = material of the inner conductor: copper (Cu) = diameter of the inner conductor: 1.13 mm = dielectric type, diameter: FPE 4.8 mm = number of shieldings: 3 = shielding I. foil: 1x Al/PES = material of the shielding: tinned cooper (CuSn) = number of braiding wires: 144x 0,12 mm = shielding II. foil: Al/PES spiral = diameter of cable sheath: 7,05 mm = material of the cable jacket: PVC (HD 624) = color cable sheath > Cable sheath color: white = reaction to the fire: Eca = dangerous substances: none = packaging: 500 m, wooden drum



S5268 500/-/-500
23 05 113 003 CB113

coaxial cable type: CB113UV = intended use: outdoor installation, tertiary distribution = UV resistant = suitable for outdoor use = material of the inner conductor: copper (Cu) = diameter of the inner conductor: 1.13 mm = dielectric type, diameter: FPE 4.8 mm = number of shieldings: 3 = shielding I. foil: 1x Al/PES = material of the shielding: tinned cooper (CuSn) = number of braiding wires: 144x 0,12 mm = shielding II. foil: Al/PES spiral = diameter of cable sheath: 7,05 mm = material of the cable jacket: PVC UV resistant = color cable sheath > Cable sheath color: black = reaction to the fire: Eca = dangerous substances: none = packaging: 100 m, reel



S5265 100/-/-200
23 05 113 500 CB113UV

coaxial cable type: CB113UV = intended use: outdoor installation, tertiary distribution = UV resistant = suitable for outdoor use = material of the inner conductor: copper (Cu) = diameter of the inner conductor: 1.13 mm = dielectric type, diameter: FPE 4.8 mm = number of shieldings: 3 = shielding I. foil: 1x Al/PES = material of the shielding: tinned cooper (CuSn) = number of braiding wires: 144x 0,12 mm = shielding II. foil: Al/PES spiral = diameter of cable sheath: 7,05 mm = material of the cable jacket: PVC UV resistant = color cable sheath > Cable sheath color: black = reaction to the fire: Eca = dangerous substances: none = packaging: 250 m, reel box



S5266 250/-/-500
23 05 113 502 CB113UV

coaxial cable type: CB100F = intended use: indoor installation, universal cable = material of the inner conductor: copper (Cu) = diameter of the inner conductor: 1.0 mm = dielectric type, diameter: FPE 4.6 mm = number of shieldings: 2 = shielding I. foil: 1x Al/PES = material of the shielding: tinned cooper (CuSn) = number of braiding wires: 48x 0.12 mm = diameter of cable sheath: 6.5 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: white = reaction to the fire: Eca = dangerous substances: none = packaging: 100 m, reel



S5141 100/-/-200
23 05 100 200 CB100F

coaxial cable type: CB100F = intended use: indoor installation, universal cable = material of the inner conductor: copper (Cu) = diameter of the inner conductor: 1.0 mm = dielectric type, diameter: FPE 4.6 mm = number of shieldings: 2 = shielding I. foil: 1x Al/PES = material of the shielding: tinned cooper (CuSn) = number of braiding wires: 48x 0.12 mm = diameter of cable sheath: 6.5 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: white = reaction to the fire: Eca = dangerous substances: none = packaging: 250 m, reel box



S5241S 250/-/-/500
23 05 100 201 CB100F

coaxial cable type: CB21D = intended use: indoor installation, interference resistant, CLASS A = material of the inner conductor: copper (Cu) = diameter of the inner conductor: 1.1 mm = dielectric type, diameter: FPE 4.8 mm = number of shieldings: 2 = shielding I. foil: 1x Al/PET = material of the shielding: aluminium (Al) = number of braiding wires: 128x 0.12 mm = diameter of cable sheath: 6.8 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: white = reaction to the fire: Eca = dangerous substances: none = packaging: 100 m, reel



S5271 100/-/-/200
23 05 021 000 CB21D

coaxial cable type: CB21D = intended use: indoor installation, interference resistant, CLASS A = material of the inner conductor: copper (Cu) = diameter of the inner conductor: 1.1 mm = dielectric type, diameter: FPE 4.8 mm = number of shieldings: 2 = shielding I. foil: 1x Al/PET = material of the shielding: aluminium (Al) = number of braiding wires: 128x 0.12 mm = diameter of cable sheath: 6.8 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: white = reaction to the fire: Eca = dangerous substances: none = packaging: 500 m, wooden drum



S5273 500/-/-/500
23 05 021 100 CB21D

coaxial cable type: CB50F = intended use: indoor installation, universal cable = material of the inner conductor: copper (Cu) = diameter of the inner conductor: 0.9 mm = dielectric type, diameter: FPE 4.4 mm = number of shieldings: 2 = shielding I. foil: 1x Al = material of the shielding: tinned cooper (CuSn) = number of braiding wires: 32x 0.12 mm = diameter of cable sheath: 6.3 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: white = reaction to the fire: Eca = dangerous substances: none = packaging: 100 m, reel



S5131 100/-/-/200
23 05 050 200 CB50F/ RG6
CUSN

coaxial cable type: CB50F = intended use: indoor installation, universal cable = material of the inner conductor: copper (Cu) = diameter of the inner conductor: 0.9 mm = dielectric type, diameter: FPE 4.4 mm = number of shieldings: 2 = shielding I. foil: 1x Al = material of the shielding: tinned cooper (CuSn) = number of braiding wires: 32x 0.12 mm = diameter of cable sheath: 6.3 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: white = reaction to the fire: Eca = dangerous substances: none = packaging: 250 m, reel box



S5231S 250/-/-/500
23 05 050 201 CB50F/ RG6
CUSN

coaxial cable type: CB125 = intended use: indoor installation, universal cable = material of the inner conductor: copper (Cu) = diameter of the inner conductor: 1.00 mm = dielectric type, diameter: FPE 4.8 mm = number of shieldings: 2 = shielding I. foil: CCA/PES = material of the shielding: copper clad aluminium (CCA) = number of braiding wires: 64× 0.12 mm = diameter of cable sheath: 6.8 mm = material of the cable jacket: PVC (HD 624) = color cable sheath > Cable sheath color: white = reaction to the fire: Eca = dangerous substances: none = packaging: 100 m, reel



S5385 100/-/-/200
23 05 120 005 CB125

coaxial cable type: CB130 = intended use: indoor installation, universal cable = material of the inner conductor: copper clad steel (CCS) = diameter of the inner conductor: 1.02 mm = dielectric type, diameter: FPE 4.8 mm = number of shieldings: 2 = shielding I. foil: 1× Al/PES = material of the shielding: aluminium (Al) = number of braiding wires: 32× 0.12 mm = diameter of cable sheath: 6.8 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: white = reaction to the fire: Eca = dangerous substances: none = packaging: 100 m, reel



S5381 100/-/-/200
23 05 130 000 CB130 / RG6 U

coaxial cable type: CB130 = intended use: indoor installation, universal cable = material of the inner conductor: copper clad steel (CCS) = diameter of the inner conductor: 1.02 mm = dielectric type, diameter: FPE 4.8 mm = number of shieldings: 2 = shielding I. foil: 1× Al/PES = material of the shielding: aluminium (Al) = number of braiding wires: 32× 0.12 mm = diameter of cable sheath: 6.8 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: white = reaction to the fire: Eca = dangerous substances: none = packaging: 100 m, PVC foil



S5381E 100/-/-/400
23 05 130 010 CB130 / RG6 U

coaxial cable type: CB115/RG6 CU TRISHIELD = intended use: indoor installation, interference resistant, CLASS A = material of the inner conductor: copper (Cu) = diameter of the inner conductor: 1.02 mm = dielectric type, diameter: FPE 4.8 mm = number of shieldings: 3 = shielding I. foil: 1× Al/PET = material of the shielding: aluminium (Al) = number of braiding wires: 96× 0.12 mm = shielding II. foil: Al/PET = diameter of cable sheath: 6.8 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: white = reaction to the fire: Eca = dangerous substances: none = packaging: 100 m, reel



S5272 100/-/-/200
23 05 023 000 CB115/ RG6 CU TRISHIELD

coaxial cable type: CB500 = intended use: CATV distribution = material of the inner conductor: copper (Cu) = diameter of the inner conductor: 0.75 mm = dielectric type, diameter: FPE 3.2 mm = number of shieldings: 3 = shielding I. foil: 1× Al/PES = material of the shielding: tinned cooper (CuSn) = number of braiding wires: 48× 0.12 mm = shielding II. foil: Al/PES = diameter of cable sheath: 5 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: white = reaction to the fire: Eca = dangerous substances: none = packaging: 100 m, reel



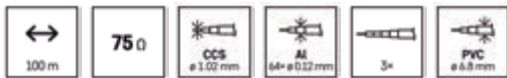
S5252 100/-/-/400
23 05 500 000 CB500

coaxial cable type: CB500 = intended use: terminals for connected users, CATV distribution = material of the inner conductor: copper (Cu) = diameter of the inner conductor: 0.75 mm = dielectric type, diameter: FPE 3.2 mm = number of shieldings: 3 = shielding I. foil: 1x Al/PES = material of the shielding: tinned cooper (CuSn) = number of braiding wires: 48x 0.12 mm = shielding II. foil: Al/PES spiral = diameter of cable sheath: 5 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: white = reaction to the fire: Eca = dangerous substances: none = packaging: 250 m, reel box



S5253 250/-/-/500
23 05 500 002 CB500

coaxial cable type: CB135 = intended use: indoor installation, interference resistant, CLASS A = material of the inner conductor: copper clad steel (CCS) = diameter of the inner conductor: 1.02 mm = dielectric type, diameter: FPE 4.8 mm = number of shieldings: 3 = shielding I. foil: 1x Al/PES = material of the shielding; aluminium (Al) = number of braiding wires: 64x 0.12 mm = shielding II. foil: Al/PES = diameter of cable sheath: 6.8 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: white = reaction to the fire: Eca = dangerous substances: none = packaging: 100 m, reel



S5382 100/-/-/200
23 05 135 000 CB135

coaxial cable type: CB135 = intended use: unit connections, resistant to interference, CLASS A = material of the inner conductor: copper clad steel (CCS) = diameter of the inner conductor: 1.02 mm = dielectric type, diameter: FPE 4.8 mm = number of shieldings: 3 = shielding I. foil: 1x Al/PES = material of the shielding; aluminium (Al) = number of braiding wires: 64x 0.12 mm = shielding II. foil: Al/PES = diameter of cable sheath: 6.8 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: white = reaction to the fire: Eca = dangerous substances: none = packaging: 500 m, wooden drum



S5383 500/-/-/500
23 05 135 010 CB135 500M

coaxial cable type: CB130 = intended use: indoor installation = material of the inner conductor: copper clad steel (CCS) = diameter of the inner conductor: 1.02 mm = dielectric type, diameter: FPE 4.8 mm = number of shieldings: 2 = shielding I. foil: 1x Al/PES = material of the shielding; aluminium (Al) = number of braiding wires: 32x 0.12 mm = diameter of cable sheath: 6.8 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: white = reaction to the fire: do not subject to CPR = dangerous substances: do not subject to CPR = packaging: 5 m, headercard



S5373 1/-/-/16
23 05 120 010 CB130 / RG6 U

coaxial cable type: CB130 = intended use: indoor installation = material of the inner conductor: copper clad steel (CCS) = diameter of the inner conductor: 1.02 mm = dielectric type, diameter: FPE 4.8 mm = number of shieldings: 2 = shielding I. foil: 1x Al/PES = material of the shielding; aluminium (Al) = number of braiding wires: 32x 0.12 mm = diameter of cable sheath: 6.8 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: white = reaction to the fire: do not subject to CPR = dangerous substances: do not subject to CPR = packaging: 10 m, hanging



S5374 1/-/-/24
23 05 120 020 CB130 / RG6 U

coaxial cable type: CB130 = intended use: indoor installation = material of the inner conductor: copper clad steel (CCS) = diameter of the inner conductor: 1.02 mm = dielectric type, diameter: FPE 4.8 mm = number of shieldings: 2 = shielding I. foil: 1× Al/PES = material of the shielding: aluminium (Al) = number of braiding wires: 32× 0.12 mm = diameter of cable sheath: 6.8 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: white = reaction to the fire: do not subject to CPR = dangerous substances: do not subject to CPR = packaging: 15 m, headercard



S5375 1/-/-16
23 05 120 030 CB130 / RG6 U

coaxial cable type: CB130 = intended use: indoor installation = material of the inner conductor: copper clad steel (CCS) = diameter of the inner conductor: 1.02 mm = dielectric type, diameter: FPE 4.8 mm = number of shieldings: 2 = shielding I. foil: 1× Al/PES = material of the shielding: aluminium (Al) = number of braiding wires: 32× 0.12 mm = diameter of cable sheath: 6.8 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: white = reaction to the fire: do not subject to CPR = dangerous substances: do not subject to CPR = packaging: 20 m, headercard



S5376 1/-/-16
23 05 120 040 CB130 / RG6 U

coaxial cable type: CB113 LSZH = intended use: unit connections, resistant to interference, CLASS A+ = material of the inner conductor: copper (Cu) = diameter of the inner conductor: 1.13 mm = dielectric type, diameter: FPE 4.8 mm = number of shieldings: 3 = shielding I. foil: 1× Al/PES = material of the shielding: tinned copper (CuSn) = number of braiding wires: 144× 0,12 mm = shielding II. foil: Al/PES spiral = diameter of cable sheath: 7,05 mm = material of the cable jacket: LSZH = color cable sheath > Cable sheath color: white = reaction to the fire: Eca = dangerous substances: none = packaging: 250 m, paper reel box



S5269 250/-/-500
23 05 113 600 CB113 LSZH

coaxial cable type: CB113 LSZH = intended use: unit connections, resistant to interference, CLASS A+ = material of the inner conductor: copper (Cu) = diameter of the inner conductor: 1.13 mm = dielectric type, diameter: FPE 4.8 mm = number of shieldings: 3 = shielding I. foil: 1× Al/PES = material of the shielding: tinned copper (CuSn) = number of braiding wires: 144× 0,12 mm = shielding II. foil: Al/PES spiral = diameter of cable sheath: 7,05 mm = material of the cable jacket: LSZH = color cable sheath > Cable sheath color: white = reaction to the fire: Eca = dangerous substances: none = packaging: 500 m, wooden drum



S5270 500/-/-500
23 05 113 601 CB113 LSZH

coaxial cable type: RG59B/U = intended use: CCTV cabling = UV resistant = material of the inner conductor: copper plated steel = diameter of the inner conductor: 0,58 mm = dielectric type, diameter: SPE 3.7 mm = number of shieldings: 1 = shielding I. foil = material of the shielding: copper clad aluminium (CCA) = number of braiding wires: 128× 0.12 mm = diameter of cable sheath: 6.05 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: black = reaction to the fire: Fca = dangerous substances: none = packaging: 500 m, wooden drum



S5194 500/-/-500
23 05 059 009 RG59BU/128SA

coaxial cable type: 3C2V = intended use: replacement of drilling of the walls = UV resistant = suitable for outdoor use = material of the inner conductor: copper (Cu) = diameter of the inner conductor: 0.5 mm = dielectric type, diameter: PE 1.6 mm = number of shieldings: 1 = material of the shielding: copper clad aluminium (CCA) = number of braiding wires: 32× 0.12 mm = diameter of cable sheath: 3 mm = material of the cable jacket: PVC = color cable sheath > Cable sheath color: white = reaction to the fire: do not subject to CPR = dangerous substances: do not subject to CPR = packaging: 1 pc, PE packet



S5378

1/-/-1 000





23 05 032 010

W-CABLE





Connection AV cables

AV cables blister





- cables for transmitting audio and video, blister pack
- STEREO: 3.5 mm jack (on 1 or 2 ends), length 1.5–5 m
- USB: 2.0 & 3.0, USB-A, micro, USB-C etc, Quick Charge, 1–2 m
- HDMI: multimedia TV cable, 3D or 4K, various plugs, 1.5–5 m
- SCART: SCART/SCART or SCART/RCA plug, length 1–3 m
- CINCH: 2× or 3× CINCH on both ends, length 1.5–5 m
- COAXIAL: antenna to TV, 1.25–15 m, angle/straight plug

SB3010	1/-/12/24	
23 33 130 100	SB3010	
	 	
8 595025 375759		





connectors: IEC plug – IEC socket = connector type: 2× direct = length: 10 m = number of shieldings: 2 = packaging: 1 pc, blister

SB3015	1/-/12	
23 33 130 150	SB3015	
	 	
8 595025 375766		

connectors: IEC plug – IEC socket = connector type: 2× direct = length: 15 m = number of shieldings: 2 = packaging: 1 pc, blister


SB3103	1/-/-/30	
23 33 131 030	SB3103	
	 	
8 595025 375797		

connectors: IEC plug – IEC socket 90° = connector type: 1× direct, 1× angular = length: 3.5 m = number of shieldings: 2 = packaging: 1 pc, blister




SB3107	1/-/12/24	
23 33 131 070	SB3107	
	 	
8 595025 375810		

connectors: IEC plug – IEC socket 90° = connector type: 1× direct, 1× angular = length: 7.5 m = number of shieldings: 2 = packaging: 1 pc, blister

SB3110 1/-/12/24
23 33 131 100 SB3110




8 595025 375827








connectors: IEC plug – IEC socket 90° = connector type: 1× direct, 1× angular = length: 10 m = number of shieldings: 2 = packaging: 1 pc, blister

SB3115 1/-/-/12
23 33 131 150 SB3115




8 595025 375834








connectors: IEC plug – IEC socket 90° = connector type: 1× direct, 1× angular = length: 15 m = number of shieldings: 2 = packaging: 1 pc, blister

SB0103 1/-/12/24
23 33 101 030 SB0103




8 595025 376091








connectors: A plug – A plug = connector type: 2× direct = length: 3 m = support of image resolution: 4K = maximum bit rate: 10.2 Gbit/s = material: PVC = packaging: 1 pc, blister

SB0105 1/-/-/12
23 33 101 050 SB0105




8 595025 376107








connectors: A plug – A plug = connector type: 2× direct = length: 5 m = support of image resolution: 4K = maximum bit rate: 10.2 Gbit/s = material: PVC = packaging: 1 pc, blister

SB0201 1/-/-/30
23 33 102 010 SB0201




8 595025 376138








connectors: A plug – A plug = connector type: 2× direct = length: 1.5 m = support of image resolution: 4K = maximum bit rate: 10.2 Gbit/s = material: PVC = packaging: 1 pc, blister

SB0501 1/-/-/30
23 33 105 010 SB0501




8 592920 018262








connectors: A plug – A plug, slim = connector type: 2× direct = length: 1.5 m = HDMI version: 2.0 = support of image resolution: 4K = maximum bit rate: 18 Gbit/s = material: PVC = packaging: 1 pc, blister

SB1101 1/-/-/30
23 33 111 010 SB1101




8 595025 376121








connectors: A plug – C plug = connector type: 2× direct = length: 1.5 m = support of image resolution: 4K = maximum bit rate: 10.2 Gbit/s = material: PVC = packaging: 1 pc, blister

SB1201 1/-/-/30
23 33 112 010 SB1201




8 595025 376145








connectors: A plug – D plug = connector type: 2× direct = length: 1.5 m = support of image resolution: 4K = maximum bit rate: 10.2 Gbit/s = material: PVC = packaging: 1 pc, blister

SB2001 1/-/-/30
23 33 120 010 SB2001




8 595025 375926








length: 1 m = connectors: SCART plug – SCART plug = packaging: 1 pc, blister

SB2002 1/-/12/24
23 33 120 020 SB2002




8 595025 375933








length: 2 m = connectors: SCART plug – SCART plug = packaging: 1 pc, blister

SB2101 1/-/12/24
23 33 121 010 SB2101




8 595025 375957







length: 1.5 m = connectors: SCART plug – 3× CINCH = packaging: 1 pc, blister

SB4102 1/-/-/30
23 33 141 020 SB4102




8 595025 375865







connectors: 2× CINCH plug – 2× CINCH plug = length: 2 m = packaging: 1 pc, blister

SB4201 1/-/-/30
23 33 142 010 SB4201




8 595025 375902








connectors: 3× CINCH plug – 3× CINCH plug = length: 1.5 m = packaging: 1 pc, blister

SB7801 1/-/-/30
23 33 178 010 SB7801



8 592920 009758






length: 1 m = connectors: A plug – micro B plug = using: charging/data = USB version: 3.0 = packaging: 1 pc, blister




AV cables polybag

- cables for transmitting audio and video
- STEREO: 3.5 mm jack (on 1 or 2 ends), length 1.5–5 m
- USB: 2.0 & 3.0, USB-A, micro, USB-C etc, Quick Charge, 1–2 m
- HDMI: multimedia TV cable, 3D or 4K, various plugs, 1.5–10 m
- SCART: SCART/SCART or SCART/RCA plug, length 1–3 m
- CINCH: 2× or 3× CINCH on both ends, length 1.5–5 m
- COAXIAL: connect antenna to TV, 1.25–15 m, angle/straight plug

SD3010 1/-/-/30
23 34 130 100 SD3010




8 592920 002421








connectors: IEC plug – IEC socket = connector type: 2× direct = length: 10 m = number of shieldings: 2 = packaging: 1 pc, packet

SD3103 1/5/20/80
23 34 131 030 SD3103




8 592920 002469








connectors: IEC plug – IEC socket = connector type: 1× direct, 1× angular = length: 3.5 m = number of shieldings: 2 = packaging: 1 pc, packet

SD3115 1/-/8/32
23 34 131 150 SD3115



8 592920 002506









connectors: IEC plug – IEC socket = connector type: 1× direct, 1× angular = length: 15 m = number of shieldings: 2 = packaging: 1 pc, packet

AV cables hanger





- cables for transmitting audio and video
- USB: speed 2.0, with USB-A and micro USB plug, length 1 m
- HDMI: multimedia TV cable, 3D or 4K, 1.5 m, PVC or nylon
- SCART: SCART/SCART plugs, 1.5 m connection cable
- COAXIAL: connect antenna and TV, 1.25–7.5 m, straight plugs

SL0101 1/5/20/80
23 33 001 010 SL0101




connectors: A plug – A plug = connector type: 2× direct = length: 1.5 m = support of image resolution: 4K = maximum bit rate: 10.2 Gbit/s = material: PVC = packaging: plastic hanging

SL0301 1/5/20/80
23 33 003 010 SL0301

connectors: A plug – A plug = connector type: 2× direct = length: 1.5 m = support of image resolution: 4K = maximum bit rate: 10.2 Gbit/s = material: nylon = packaging: plastic hanging

SL2001 1/5/20/80
23 33 020 010 SL2001









length: 1.5 m = connectors: SCART plug – SCART plug = packaging: 1 pc, plastic hanging

AV cables paper blister





- high quality cables for indoor use
- stable video and audio transmission
- connection to all compatible devices thanks to straight and angled connectors

S10100 1/-/-/20
23 33 101 011 S10100




connectors: A plug – A plug = material: PVC = connector type: 2× direct = packaging: 1 pc, blister = length: 1.5 m = HDMI version: 2.0 = support of image resolution: 4K = maximum bit rate: 18 Gbit/s

S10102 1/-/-/20
23 33 101 013 S10102




connectors: A plug – C plug = material: PVC = connector type: 2× direct = packaging: 1 pc, blister = length: 1.5 m = HDMI version: 2.0 = support of image resolution: 4K = maximum bit rate: 18 Gbit/s

S10103 1/-/-/20
23 33 101 014 S10103




- connectors: A plug – D plug
- connector type: 2× direct
- length: 1.5 m
- HDMI version: 2.0
- support of image resolution: 4K
- maximum bit rate: 18 Gbit/s
- material: PVC
- packaging: 1 pc, blister

S10110 1/-/-/20
23 33 101 015 S10110




- connectors: A plug – A plug
- connector type: 1× direct, 1× angular
- length: 1.5 m
- HDMI version: 2.0
- support of image resolution: 4K
- maximum bit rate: 18 Gbit/s
- material: PVC
- packaging: 1 pc, blister

S10101 1/-/-/20
23 33 101 016 S10101




- connectors: A plug – A plug
- connector type: 2× direct
- length: 1.5 m
- HDMI version: 2.1
- support of image resolution: 8K
- maximum bit rate: 48 Gbit/s
- material: PVC
- packaging: 1 pc, blister

S10300 1/-/-/20
23 33 101 031 S10300




- connectors: A plug – A plug
- connector type: 2× direct
- length: 3 m
- HDMI version: 2.0
- support of image resolution: 4K
- maximum bit rate: 18 Gbit/s
- material: PVC
- packaging: 1 pc, blister

S10310 1/-/-/20
23 33 101 032 S10310

- connectors: A plug – A plug
- connector type: 1× direct, 1× angular
- length: 3 m
- HDMI version: 2.0
- support of image resolution: 4K
- maximum bit rate: 18 Gbit/s
- material: PVC
- packaging: 1 pc, blister

S10500 1/-/-/10
23 33 101 051 S10500

- connectors: A plug – A plug
- connector type: 2× direct
- length: 5 m
- HDMI version: 2.0
- support of image resolution: 4K
- maximum bit rate: 18 Gbit/s
- material: PVC
- packaging: 1 pc, blister




S10510 1/-/-/10
23 33 101 052 S10510








- connectors: A plug – A plug
- connector type: 1× direct, 1× angular
- length: 5 m
- HDMI version: 2.0
- support of image resolution: 4K
- maximum bit rate: 18 Gbit/s
- material: PVC
- packaging: 1 pc, blister

S10000 1/-/-/20
23 33 101 070 S10000




- connectors: A plug – A plug
- connector type: 2× direct
- length: 0.75 m
- HDMI version: 2.0
- support of image resolution: 4K
- maximum bit rate: 18 Gbit/s
- material: PVC
- packaging: 1 pc, blister

S11000 1/-/-/10
23 33 101 100 S11000




- connectors: A plug – A plug
- connector type: 2× direct
- length: 10 m
- HDMI version: 2.0
- support of image resolution: 4K
- maximum bit rate: 18 Gbit/s
- material: PVC
- packaging: 1 pc, blister

S30500 1/-/-/20
23 33 130 051 S30500




- connectors: IEC plug – IEC socket
- connector type: 2× direct
- length: 5 m
- number of shieldings: 2
- packaging: 1 pc, blister

S30510 1/-/-/20
23 33 130 052 S30510




- connectors: IEC plug – IEC socket
- connector type: 1× direct, 1× angular
- length: 5 m
- number of shieldings: 2
- packaging: 1 pc, blister

S31000 1/-/-/20
23 33 130 101 S31000




- connectors: IEC plug – IEC socket
- connector type: 2× direct
- length: 10 m
- number of shieldings: 2
- packaging: 1 pc, blister

S31010 1/-/-/20
23 33 130 102 S31010




- connectors: IEC plug – IEC socket
- connector type: 1× direct, 1× angular
- length: 10 m
- number of shieldings: 2
- packaging: 1 pc, blister

S30100 1/-/-/20
23 33 130 120 S30100




- connectors: IEC plug – IEC socket
- connector type: 2× direct
- length: 1.25 m
- number of shieldings: 2
- packaging: 1 pc, blister

S30110 1/-/-/20
23 33 130 121 S30110




- connectors: IEC plug – IEC socket
- connector type: 1× direct, 1× angular
- length: 1.25 m
- number of shieldings: 2
- packaging: 1 pc, blister

S31500 1/-/-/10
23 33 130 151 S31500




- connectors: IEC plug – IEC socket
- connector type: 2× direct
- length: 15 m
- number of shieldings: 2
- packaging: 1 pc, blister

S31510 1/-/-/12
23 33 130 152 S31510




- connectors: IEC plug – IEC socket
- connector type: 1× direct, 1× angular
- length: 15 m
- number of shieldings: 2
- packaging: 1 pc, blister

S30200 1/-/-/20
23 33 130 250 S30200




- connectors: IEC plug – IEC socket
- connector type: 2× direct
- length: 2.5 m
- number of shieldings: 2
- packaging: 1 pc, blister

S30210 1/-/-/20
23 33 130 251 S30210




- connectors: IEC plug – IEC socket
- connector type: 1× direct, 1× angular
- length: 2.5 m
- number of shieldings: 2
- packaging: 1 pc, blister

S30300 1/-/-/20
23 33 130 350 S30300




- connectors: IEC plug – IEC socket
- connector type: 2× direct
- length: 3.5 m
- number of shieldings: 2
- packaging: 1 pc, blister

S30310 1/-/-/20
23 33 130 351 S30310




- connectors: IEC plug – IEC socket
- connector type: 1× direct, 1× angular
- length: 3.5 m
- number of shieldings: 2
- packaging: 1 pc, blister

S30700 1/-/-/20
23 33 130 750 S30700


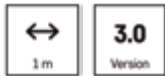

- connectors: IEC plug – IEC socket
- connector type: 2× direct
- length: 7.5 m
- number of shieldings: 2
- packaging: 1 pc, blister

S30710 1/-/-/20
23 33 130 751 S30710




- connectors: IEC plug – IEC socket
- connector type: 1× direct, 1× angular
- length: 7.5 m
- number of shieldings: 2
- packaging: 1 pc, blister

S70203 1/-/-/20
23 33 170 010 S70203


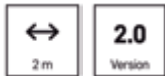

- length: 1 m
- connectors: A plug – micro B plug
- using: charging/data
- USB version: 3.0
- packaging: 1 pc, blister

S70200 1/-/-/20
23 33 170 021 S70200




- length: 2 m
- connectors: A plug – A plug
- using: charging/data
- USB version: 2.0
- packaging: 1 pc, blister

S70201 1/-/-/20
23 33 170 022 S70201

- length: 2 m
- connectors: A plug – A socket
- using: charging/data
- USB version: 2.0
- packaging: 1 pc, blister

S70202 1/-/-/20
23 33 170 023 S70202

- length: 2 m
- connectors: A plug – B plug
- using: charging/data
- USB version: 2.0
- packaging: 1 pc, blister

Smartphone cables

- connection, data and charging cables for phone or tablet
- phone USB cables – micro USB, USB-C & Lightning (for iPhone)
- with 2.0 and 3.0 speed, selected models with Quick Charge
- length 1–2 m, flat & round, classic/reeled , various colours
- universal extension USB cables/splitters, 3 connector types

length: 1 m = connectors: A plug – micro B plug = using: charging/data = USB version: 2.0 = packaging: 1 pc, small box



SM7006W 1/-/25/100
23 35 070 610 SM7006W

length: 1 m = connectors: A plug – micro B plug = using: charging/data = USB version: 2.0 = packaging: 1 pc, small box



SM7006B 1/-/25/100
23 35 070 620 SM7006B

length: 1 m = connectors: A plug – micro B plug = using: charging/data = USB version: 2.0 = packaging: 1 pc, small box



SM7006G 1/-/25/100
23 35 070 630 SM7006G

length: 1 m = connectors: A plug – micro B plug = using: charging/data = USB version: 2.0 = packaging: 1 pc, small box



SM7006P 1/-/25/100
23 35 070 640 SM7006P

length: 1 m = connectors: A plug – micro B plug = using: charging/data = USB version: 2.0 = packaging: 1 pc, small box



SM7006Y
23 35 070 650

1/-/25/100
SM7006Y

length: 1 m = connectors: A plug – micro B plug = using: charging/data = USB version: 2.0 = packaging: 1 pc, small box



SM7004W
23 35 070 410

1/-/25/100
SM7004W

length: 1 m = connectors: A plug – micro B plug = using: charging/data = USB version: 2.0 = packaging: 1 pc, small box



SM7004B
23 35 070 420

1/-/25/100
SM7004B

length: 1 m = connectors: A straight plug – micro B angle plug double-sided = using: charging/data = USB version: 2.0 = packaging: 1 pc, small box



SM7005BL
23 35 070 500

1/-/25/100
SM7005BL

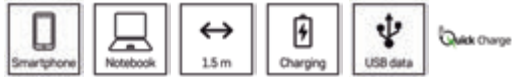
length: 1 m = connectors: A plug – C plug = using: charging/data = USB version: 2.0 = packaging: 1 pc, small box



SM7025W
23 35 072 500

1/-/25/100
SM7025W

length: 1.5 m = connectors: A plug – C plug = using: charging/data = USB version: 2.0 = packaging: 1 pc, small box



SM7026 1/-/25/100
23 35 076 011 SM7026

length: 1 m = connectors: A plug – C plug = using: charging/data = USB version: 2.0 = packaging: 1 pc, small box



SM7025BL 1/-/25/100
23 35 072 501 SM7025BL

length: 1 m = connectors: A plug – C plug = using: charging/data = USB version: 2.0 = packaging: 1 pc, small box



SM7025B 1/-/25/100
23 35 072 502 SM7025B

length: 1 m = connectors: A plug – C plug = using: charging/data = USB version: 2.0 = packaging: 1 pc, small box



SM7025G 1/-/25/100
23 35 072 503 SM7025G

length: 1 m = connectors: A plug – C plug = using: charging/data = USB version: 2.0 = packaging: 1 pc, small box



SM7025P 1/-/25/100
23 35 072 504 SM7025P

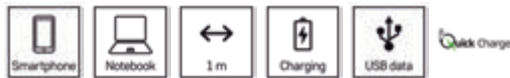
length: 1 m = connectors: A plug – C plug = using: charging/data = USB version: 3.1 = packaging: 1 pc, small box



SM7021BL
23 35 072 100

1/-/25/100
SM7021BL

length: 1 m = connectors: C plug – C plug = using: charging/data = USB version: 2.0 = packaging: 1 pc, small box



SM7027W
23 35 076 013

1/-/25/100
SM7027W

length: 1 m = connectors: C plug – C plug = using: charging/data = USB version: 3.1 = packaging: 1 pc, small box



SM7022BL
23 35 072 200

1/-/25/50
SM7022BL

length: 0.2 m = connectors: A plug – C plug = using: charging/data = USB version: 2.0 = packaging: 1 pc, small box



SM7024W
23 35 072 410

1/-/25/100
SM7024W

length: 1 m = connectors: C plug – i16P plug = using: charging/data = USB version: 2.0 = packaging: 1 pc, small box



SM7015W
23 35 076 014

1/-/25/100
SM7015W

length: 1 m = connectors: A plug – i16P plug = using: charging/data = USB version: 2.0 = packaging: 1 pc, small box



SM7013W 1/-/25/100
23 35 071 310 SM7013W

connectors: micro B socket – C plug = using: charging/data = USB version: 2.0 = packaging: 2 pcs, small box



SM7023 2/-/50/200
23 35 072 310 SM7023

connectors: 3.5 mm plug – 3.5 mm plug = stereo = length: 1.5 m = packaging: 1 pc, small box



SM5001 1/-/-/120
23 35 050 010 SM5001

connectors: 3.5 mm plug – 3.5 mm socket = stereo = length: 2.5 m = packaging: 1 pc, small box



SM5102 1/-/-/120
23 35 050 020 SM5102

connectors: 3.5 mm plug – 3.5 mm plug = stereo = length: 3 m = packaging: 1 pc, small box



SM5003 1/-/-/100
23 35 050 030 SM5003

connectors: 3.5 mm plug – 3.5 mm socket = stereo = length: 5 m = packaging: 1 pc, small box



SM5105
23 35 050 050

1/-/-/100
SM5105

length: 0.15 m = connectors: A socket – micro B plug with OTG function = using: data = USB version: 2.0 = packaging: 1 pc, small box



SM7053
23 35 076 010

1/-/-/120
SM7053

length: 0.15 m = connectors: A socket – C plug with OTG function = using: data = USB version: 3.0 = packaging: 1 pc, small box



SM7054
23 35 076 012

1/-/25/100
SM7054

length: 2 m = connectors: A plug – mini B plug = using: charging/data = USB version: 2.0 = packaging: 1 pc, small box



SM7009BL
23 35 076 020

1/-/-/120
SM7009BL

length: 2 m = connectors: A plug – micro B plug = using: charging/data = USB version: 2.0 = packaging: 1 pc, small box



SM7008BL
23 35 076 021

1/-/-/120
SM7008BL

connectors: 3.5 mm straight plug – 3.5 angle plug = stereo = length: 1 m = packaging: 1 pc, small box



SM7031BL	1/-/25/100
23 35 073 110	SM7031BL

Solar cables

- designed for fixed photovoltaic installations in indoor and outdoor areas
- tinned OFC copper core
- double jacket made of cross-linked copolymer
- resistant to mechanical damage
- TÜV Rheinland certification

- conductor cross section: 1× 4.0 mm²
- designation: H1Z2Z2
- colour: black
- packaging: 500 m, wooden drum



S9401	500/-/-/500
23 15 094 010	H1Z2Z2 BLACK 4MM

- conductor cross section: 1× 4.0 mm²
- designation: H1Z2Z2
- colour: red
- packaging: 500 m, wooden drum



S9402	500/-/-/500
23 15 094 020	H1Z2Z2 RED 4MM

- conductor cross section: 1× 6.0 mm²
- designation: H1Z2Z2
- colour: black
- packaging: 500 m, wooden drum



S9403	500/-/-/500
23 15 094 030	H1Z2Z2 BLACK 6MM

- conductor cross section: 1× 6.0 mm²
- designation: H1Z2Z2
- colour: red
- packaging: 500 m, wooden drum



8 592920 118993

S9404

500/-/-/500

23 15 094 040 H1Z2Z2 RED 6MM

HF signal receiving components, antennas, small electronic, accessories



Antennas

CITY



- for installation in places with sufficient signal quality
- fitted with LTE filter for mobile interference suppression
- selected models include a 5G filter
- reception in horizontal or vertical polarisation

use: indoor = suitable for reception from multiple transmitters = signal reception: FM/DAB/DVB-T/T2 = suitable for receiving Full HD broadcasts = LTE filter = 5G filter = polarization: horizontal or vertical = frequency bands: FM/VHF/DAB/UHF = frequency range: 87.5–230 MHz, 470–698 MHz = reception angle: 360° = power supply: DC USB 5 V/550 mA (included) = connectors: IEC = length of coaxial cable in the package: 1.5 m = dimensions: 79 × 360 × 77 mm = packaging: 1 pc, box



J0686

1/-/-/8

27 02 026 000

EM-T4

use: indoor = suitable for reception from multiple transmitters = signal reception: DAB/DVB-T/T2 = suitable for receiving Full HD broadcasts = LTE filter = 5G filter = polarization: horizontal or vertical = frequency bands: VHF/UHF = frequency range: 174–230 MHz, 470–698 MHz = reception angle: 360° = power supply: DC USB 5 V/550 mA (included) = connectors: IEC = length of coaxial cable in the package: 1.5 m = dimensions: 155 × 213 × 25 mm = packaging: 1 pc, box



J0687

1/-/-/8

27 02 027 000

EM-HF10

use: indoor = suitable for reception from multiple transmitters = signal reception: DVB-T/T2 = suitable for receiving Full HD broadcasts = LTE filter = 5G filter = polarization: horizontal or vertical = frequency bands: VHF/UHF = frequency range: 174-230 MHz, 470-698 MHz = reception angle: 360° = power supply: DC USB 5 V/550 mA (included) = connectors: IEC = length of coaxial cable in the package: 1.5 m = dimensions: 215 × 210 × 15 mm = packaging: 1 pc, box



J0688
27 02 028 000

1/-/-8
EM- HF20

use: indoor = suitable for reception from multiple transmitters = signal reception: FM/DAB/DVB-T/T2 = suitable for receiving Full HD broadcasts = gain control = LTE filter = 5G filter = polarization: horizontal or vertical = frequency bands: FM/VHF/DAB/UHF = frequency range: 47-230 MHz, 470-698 MHz = reception angle: 360° = power supply: DC USB 5 V/550 mA (included) = connectors in the package: 1 pc = connectors: IEC = length of coaxial cable in the package: 1.5 m = dimensions: 128 × 240 × 230 mm = packaging: 1 pc, box



J0701
27 02 031 000

1/-/-10
RING-C550

use: indoor = suitable for reception from multiple transmitters = signal reception: DVB-T/T2 = suitable for receiving Full HD broadcasts = LTE filter = 5G filter = polarization: horizontal or vertical = frequency bands: UHF = frequency range: 470-698 MHz = reception angle: 180° = power supply: DC USB 5 V/550 mA (included) = connectors in the package: 1 pc = connectors: IEC = dimensions: 20 × 165 × 165 mm = packaging: 1 pc, box



J0702
27 02 032 000

1/-/-5
FLAT-C400

use: indoor = suitable for reception from multiple transmitters = signal reception: DAB/DVB-T/T2 = suitable for receiving Full HD broadcasts = LTE filter = 5G filter = polarization: horizontal or vertical = frequency bands: VHF/UHF = frequency range: 174-230 MHz, 470-698 MHz = reception angle: 360° = power supply: DC USB 5 V/550 mA (included) = connectors in the package: 1 pc = connectors: IEC = length of coaxial cable in the package: 2 m = dimensions: 8 × 345 × 77 mm = packaging: 1 pc, box



J0703
27 02 033 000

1/-/-20
ARCH-C200

use: indoor = suitable for reception from multiple transmitters = signal reception: FM/DAB/DVB-T/T2 = suitable for receiving Full HD broadcasts = gain control = LTE filter = 5G filter = polarization: horizontal or vertical = frequency bands: FM/VHF/DAB/UHF = frequency range: 87.5-230 MHz, 470-698 MHz = reception angle: 360° = power supply: DC USB 5 V/550 mA (included) = connectors in the package: 1 pc = connectors: IEC = length of coaxial cable in the package: 1.5 m = dimensions: 200 × 40 × 230 mm = packaging: 1 pc, box



J0704
27 02 034 000

1/-/-10
RING-C500

use: indoor = suitable for reception from multiple transmitters = signal reception: FM/DAB/DVB-T/T2 = suitable for receiving Full HD broadcasts = gain control = LTE filter = 5G filter = polarization: horizontal or vertical = frequency bands: FM/VHF/DAB/UHF = frequency range: 87.5–230 MHz, 470–698 MHz = reception angle: 180° = power supply: DC USB 5 V/550 mA (included) = connectors in the package: 1 pc = connectors: IEC = length of coaxial cable in the package: 1.5 m = dimensions: 110 × 290 × 220 mm = packaging: 1 pc, box



J0705 1/-/-/10
27 02 035 000 ORBI-C200

use: indoor = suitable for reception from multiple transmitters = signal reception: DAB/DVB-T/T2 = suitable for receiving Full HD broadcasts = gain control = LTE filter = 5G filter = polarization: horizontal or vertical = frequency bands: VHF/DAB/UHF = frequency range: 174–230 MHz, 470–698 MHz = reception angle: 360° = power supply: DC USB 5 V/550 mA (included) = connectors in the package: 1 pc = connectors: IEC = length of coaxial cable in the package: 1.5 m = dimensions: 110 × 50 × 355 mm = packaging: 1 pc, box



J0707 1/-/-/5
27 02 037 000 BAR-C100

use: indoor = suitable for reception from multiple transmitters = signal reception: FM/DAB/DVB-T/T2 = suitable for receiving Full HD broadcasts = LTE filter = 5G filter = polarization: horizontal or vertical = frequency bands: FM/VHF/DAB/UHF = frequency range: 87.5–230 MHz, 470–698 MHz = reception angle: 360° = power supply: USB 5 V/200 mA (included) = connectors: IEC = length of coaxial cable in the package: 1.85 m = dimensions: 300 × 80 × 45 mm = packaging: 1 pc, box



J0708 1/-/-/20
27 02 038 000 WOOD-C500

use: indoor = suitable for reception from multiple transmitters = signal reception: FM/DAB/DVB-T/T2 = suitable for receiving Full HD broadcasts = LTE filter = 5G filter = no = polarization: horizontal or vertical = frequency bands: FM/VHF/DAB/UHF = frequency range: 87.5–230 MHz, 470–790 MHz = reception angle: 360° = power supply: DC USB 5 V/550 mA (included) = connectors: IEC = length of coaxial cable in the package: 1.85 m = dimensions: 300 × 80 × 45 mm = packaging: 1 pc, box



J0682 1/-/-/20
27 02 025 000 EM-9041

use: indoor = suitable for reception from multiple transmitters = signal reception: DAB/DVB-T/T2 = suitable for receiving Full HD broadcasts = LTE filter = 5G filter = polarization: horizontal or vertical = frequency bands: VHF/UHF = frequency range: 174–230 MHz, 470–698 MHz = reception angle: 180° = power supply: USB 5 V/200 mA (included) = connectors: IEC = dimensions: 1.3 × 228 × 128 mm = packaging: 1 pc, box



J0709 1/-/-/22
27 02 039 000 LEAF-C600



use: indoor = suitable for reception from multiple transmitters = signal reception: DAB/DVB-T/T2 = suitable for receiving Full HD broadcasts = LTE filter = 5G filter: no = polarization: horizontal or vertical = frequency bands: VHF/UHF = frequency range: 174-230 MHz, 470-790 MHz = reception angle: 180° = power supply: DC USB 5 V/550 mA (included) = connectors: IEC = dimensions: 1.3 x 228 x 128 mm = packaging: 1 pc, box



J0673
27 02 020 000

1/-/-22
EM-9023



use: indoor = suitable for reception from multiple transmitters = signal reception: DAB/DVB-T/T2 = suitable for receiving Full HD broadcasts = LTE filter = 5G filter: no = polarization: horizontal = frequency bands: VHF/UHF = frequency range: 174-230 MHz, 470-790 MHz = reception angle: 180° = power supply: DC USB 5 V/550 mA (included) = connectors: IEC = dimensions: 7 x 460 x 150 mm = packaging: 1 pc, box



J0659
27 02 012 000

1/-/-10
EM-101N



use: indoor = suitable for reception from multiple transmitters = signal reception: FM/DAB/DVB-T/T2 = suitable for receiving Full HD broadcasts = gain control = LTE filter = 5G filter: no = polarization: horizontal or vertical = frequency bands: FM/VHF/UHF = frequency range: 87.5-230 MHz, 470-790 MHz = reception angle: 360° = power supply: DC USB 5 V/550 mA (included) = connectors: IEC = length of coaxial cable in the package: 1.5 m = dimensions: 135 x 45 x 54 mm = packaging: 1 pc, box



J0656
27 02 009 000

1/-/-20
EM-004



VILLAGE



- for places with weaker signal (further from transmitter)
- fitted with LTE filter for mobile interference suppression
- can be installed in horizontal or vertical polarisation

use: indoor/outdoor = suitable for long distance reception = suitable for reception from multiple transmitters = signal reception: DVB-T/T2 = suitable for receiving Full HD broadcasts = gain control = LTE filter = 5G filter = polarization: horizontal or vertical = frequency bands: UHF = frequency range: 470-698 MHz = reception angle: 90° = power supply: DC USB 5 V/550 mA (included) = connectors in the package: 2 pc = connectors: F, IEC = length of coaxial cable in the package: 8.5 m = dimensions: 230 x 325 x 20 mm = packaging: 1 pc, box



J0801
27 04 310 000

1/-/-10
DIO-V750



use: indoor/outdoor = suitable for long distance reception = suitable for reception from multiple transmitters = signal reception: FM/DAB/DVB-T/T2 = suitable for receiving Full HD broadcasts = LTE filter = 5G filter = polarization: horizontal or vertical = frequency bands: FM/VHF/DAB/UHF = frequency range: 87.5–230 MHz, 470–698 MHz = reception angle: 180° = power supply: USB 5 V/200 mA (included) = connectors in the package: 2 pc = connectors: IEC = length of coaxial cable in the package: 5 m = dimensions: 230 × 80 × 120 mm = packaging: 1 pc, box



J0802 1/-/-/10
27 04 320 000 CAMP-V400



use: indoor/outdoor = suitable for long distance reception = suitable for reception from multiple transmitters = signal reception: FM/DAB/DVB-T/T2 = suitable for receiving Full HD broadcasts = LTE filter = 5G filter: no = polarization: horizontal or vertical = frequency bands: FM/VHF/DAB/UHF = frequency range: 87.5–230 MHz, 470–790 MHz = reception angle: 180° = power supply: DC USB 5 V/550 mA (included) = connectors in the package: 2 pc = connectors: IEC = length of coaxial cable in the package: 5 m = dimensions: 110 × 60 × 190 mm = packaging: 1 pc, box



J0683 1/-/-/10
27 04 020 500 EM-711



use: indoor/outdoor = suitable for long distance reception = suitable for reception from multiple transmitters = signal reception: DVB-T/T2 = suitable for receiving Full HD broadcasts = LTE filter = 5G filter = polarization: horizontal or vertical = frequency bands: UHF = frequency range: 470–698 MHz = number of elements: 10 = reception angle: 30°/40° = power supply: DC USB 5 V/550 mA (included) = connectors: F, IEC = length of coaxial cable in the package: 5 m = dimensions: 315 × 215 × 200 mm = packaging: 1 pc, box



J0685 1/-/-/8
27 02 029 000 EM-DIO3



use: indoor/outdoor = suitable for long distance reception = suitable for reception from multiple transmitters = signal reception: FM/DAB/DVB-T/T2 = suitable for receiving Full HD broadcasts = LTE filter = 5G filter = polarization: horizontal or vertical = frequency bands: FM/VHF/UHF = frequency range: 47–698 MHz = reception angle: 360° = power supply: USB 5 V/200 mA (included) = connectors: IEC = length of coaxial cable in the package: 5 m = dimensions: 300 × 40 mm = packaging: 1 pc, box



J0803 1/-/-/2
27 04 330 000 MOON-V900



use: outdoor universal = suitable for long distance reception = suitable for reception from multiple transmitters = signal reception: FM/DAB/DVB-T/T2 = suitable for receiving Full HD broadcasts = LTE filter = 5G filter: no = polarization: horizontal or vertical = frequency bands: FM/VHF/UHF = frequency range: 47–790 MHz = reception angle: 360° = power supply: DC USB 5 V/550 mA (included) = connectors: F, IEC = length of coaxial cable in the package: 5 m = dimensions: 40 × 300 mm = packaging: 1 pc, box



J0664 1/-/-/2
27 02 016 000 EM-9016C



use: indoor/outdoor = suitable for long distance reception = suitable for reception from multiple transmitters = signal reception: DAB/DVB-T/T2 = suitable for receiving Full HD broadcasts = gain control = LTE filter = 5G filter = polarization: horizontal or vertical = frequency bands: VHF/DAB/UHF = frequency range: 174–230 MHz, 470–698 MHz = reception angle: 180° = power supply: DC USB 5 V/550 mA (included) = connectors in the package: 2 pc = connectors: F, IEC = length of coaxial cable in the package: 8.5 m = dimensions: 40 × 130 × 320 mm = packaging: 1 pc, box



J0804
27 04 340 000

1/-/-2
FLIPP-V200

use: outdoor universal = suitable for long distance reception = suitable for reception from multiple transmitters = signal reception: FM/DAB/DVB-T/T2 = suitable for receiving Full HD broadcasts = LTE filter = 5G filter: no = polarization: horizontal or vertical = frequency bands: FM/VHF/DAB/UHF = frequency range: 87.5–230 MHz, 470–790 MHz = reception angle: 38°/90° = power supply: DC USB 5 V/550 mA (included) = connectors: F, IEC = length of coaxial cable in the package: 5 m = dimensions: 460 × 320 × 150 mm = packaging: 1 pc, box



J0681
27 04 020 400

1/-/-5
EM-9086

use: outdoor = suitable for long distance reception = signal reception: DVB-T/T2 = suitable for receiving Full HD broadcasts = LTE filter = 5G filter: no = polarization: horizontal or vertical = frequency bands: UHF = frequency range: 470–790 MHz = number of elements: 20 = reception angle: 30°/40° = power supply: DC 5–12 V/100 mA (included) = connectors in the package: 1 pc = connectors: F, IEC = length of coaxial cable in the package: 10 m = dimensions: 400 × 39 × 330 mm = packaging: 1 pc, box



J0667
27 04 020 100

1/-/-8
EM-20G/Z



PROFI



- for places with low signal strength (far away from transmitter)
- selected models include a 5G filter
- reception in horizontal or vertical polarisation

- use: outdoor YAGI
- suitable for long distance reception
- signal reception: DVB-T/T2
- suitable for receiving Full HD broadcasts
- LTE filter
- 5G filter
- polarization: horizontal or vertical
- frequency bands: UHF
- frequency range: 470–698 MHz

- number of elements: 16
- reception angle: 38°/80°
- connectors in the package: 1 pc
- connectors: F connector
- dimensions: 790 × 510 × 440 mm
- packaging: 1 pc, box



J0906
27 04 560 000

1/-/-6
EM-P117





- use: outdoor YAGI
- suitable for long distance reception
- signal reception: DVB-T/T2
- suitable for receiving Full HD broadcasts
- LTE filter
- 5G filter
- polarization: horizontal or vertical
- frequency bands: UHF
- frequency range: 470–698 MHz

- number of elements: 27
- reception angle: 38°/80°
- connectors in the package: 1 pc
- connectors: F connector
- dimensions: 1060 × 580 × 600 mm
- packaging: 1 pc, box



J0907
27 04 570 000

1/-/-6
EM-P127

- use: outdoor
- suitable for long distance reception
- suitable for reception from multiple transmitters
- signal reception: DVB-T/T2
- suitable for receiving Full HD broadcasts
- LTE filter
- 5G filter
- polarization: horizontal or vertical
- frequency bands: UHF

- frequency range: 470–698 MHz
- number of elements: 29
- reception angle: 38°/80°
- power supply: passive
- connectors: F connector
- dimensions: 1 150 × 520 × 640 mm
- packaging: 1 pc, box



J0690
27 04 039 000

1/-/-4
EM-29U5G

- use: outdoor
- suitable for long distance reception
- signal reception: DVB-T/T2
- suitable for receiving Full HD broadcasts
- LTE filter
- 5G filter: no
- polarization: horizontal or vertical
- frequency bands: UHF
- frequency range: 470–790 MHz

- number of elements: 28
- reception angle: 45°/40°
- power supply: passive
- connectors: F connector
- dimensions: 1035 × 360 × 340 mm
- packaging: 1 pc, box



J0669
27 04 280 010

1/-/-1
EM-2845

- use: outdoor
- suitable for long distance reception
- signal reception: DVB-T/T2
- suitable for receiving Full HD broadcasts
- LTE filter
- 5G filter: no
- polarization: horizontal or vertical
- frequency bands: UHF
- frequency range: 470–790 MHz

- number of elements: 16
- reception angle: 34°/26°
- power supply: passive
- connectors: F connector
- dimensions: 1000 × 360 × 340 mm
- packaging: 1 pc, header card

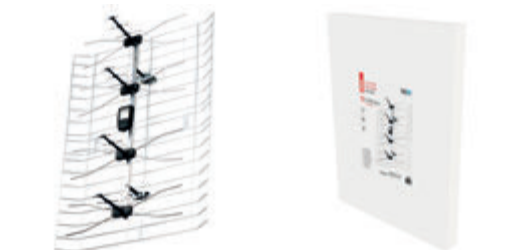


J0680
27 04 030 000

1/-/-1
EM-116

- use: outdoor
- suitable for long distance reception
- suitable for reception from multiple transmitters
- signal reception: DAB/DVB-T/T2
- suitable for receiving Full HD broadcasts
- 5G filter: no
- polarization: horizontal or vertical
- frequency bands: VHF/UHF
- frequency range: 170–790 MHz

- reception angle: 30°/40°
- power supply: passive
- connectors: below screw
- dimensions: 178 × 560 × 780 mm
- packaging: 1 pc, box



J5818
27 03 001 000

1/-/-1
EM-008

- use: outdoor logarithmic-periodical
- suitable for long distance reception
- suitable for reception from multiple transmitters
- signal reception: DAB/DVB-T/T2
- suitable for receiving Full HD broadcasts
- LTE filter
- 5G filter: no
- polarization: horizontal or vertical
- frequency bands: VHF/DAB/UHF
- frequency range: 170–790 MHz
- reception angle: 30°/40°
- power supply: 12 V/100 mA (included)
- connectors: F connector
- dimensions: 178 × 560 × 780 mm
- packaging: 1 pc, box



J0665
27 03 105 000

1/-/-1
EM-025



- use: outdoor logarithmic-periodical
- suitable for long distance reception
- suitable for reception from multiple transmitters
- signal reception: DAB/DVB-T/T2
- suitable for receiving Full HD broadcasts
- LTE filter
- 5G filter: no
- polarization: horizontal or vertical
- frequency bands: VHF/DAB/UHF
- frequency range: 170–790 MHz
- reception angle: 30°/40°
- power supply: 12 V/100 mA (included)
- connectors: F connector
- dimensions: 178 × 560 × 780 mm
- packaging: 1 pc, box



J0666
27 03 106 000

1/-/-1
EM-030



TV signal receivers

TV signal receivers

- certified set-top boxes
- for reception of digital terrestrial DVB-T2 broadcasting
- full support for DVB-T2 in HEVC and H.265 standard
- numerous outlets and plugs: USB, HDMI, SCART, IEC
- recording and playing programmes to/from USB
- timeshift, parent lock, remote control with long range
- multilingual menu, automatic and manual tuning

DVB-T/DVB-T2 : DVB-T2 = connectors: 1× USB 2.0, 1× HDMI 1.4, 1× miniUSB, 1× IEC, 1× SCART = tuner frequency range: 174–230MHz, 474–860 MHz = input level of signal: -75.2 to -23.9 dBm = update via USB: yes = PVR recording function: yes, via USB up to 1 TB = recording format: TS free to be reproduced = file format on USB device: FAT16, FAT32, NTFS = EPG program guide: 7 days = power supply: 220–240 V AC 50/60 Hz = consumption (on/stand-by): 5 W/<1 W = dimensions: 120 × 75 × 25 mm = packaging: 1 pc, box



J6014
25 20 236 400

1/-/-20
EM190-S HD



DVB-T/DVB-T2 : DVB-T2 = connectors: 1× USB 2.0, 1× HDMI 1.4, 1× miniUSB, 1× IEC, 1× SCART = tuner frequency range: 174–230MHz, 474–860 MHz = input level of signal: -75.2 to -23.9 dBm = update via USB: yes = PVR recording function: yes, via USB = recording format: TS free to be reproduced = file format on USB device: FAT32, NTFS = EPG program guide: 7 days = power supply: 100 V/240 V AC 50–60 Hz = consumption (on/stand-by): 5 W/<1 W = dimensions: 120 × 75 × 25 mm = packaging: 1 pc, box



J6015
25 20 236 500

1/-/-/20
EM190-L

Accessories

J50988

1/-/-/280

25 20 900 088

D.O. EM190 /
EM190S



designed for: EM190/EM190S/EM190L = learning function = code remembered after removing the battery = range: 15 m = power source: 2× AAA = dimensions: 175 × 45 × 15 mm = weight: 100 g = packaging: 1 pc, PVC packet



J50989

1/-/-/220

25 20 900 089

D.O.
EM190/EM190S S



designed for: EM190/EM190S/EM190L = learning function = code remembered after removing the battery = range: 15 m = power source: 2× AAA = dimensions: 170 × 55 × 20 mm = weight: 100 g = packaging: 1 pc, PVC packet



Wall sockets

- homologated components for professionals and DIY
- quality materials ensure outstanding technical properties
- designed for processing and transmitting digital signal

- version: terminal
- designation: TV (2) + R (2) + SAT (3)
- terminal attenuation: 3 dB
- connector type: IEC + F (female)
- dimensions: 26 × 60 × 60 mm
- packaging: 1 pc, box



J0240
25 01 000 300

1/-/-/60
EU3303



- version: terminal
- designation: TV (2) + R (2) + SAT (3)
- terminal attenuation: 3 dB
- connector type: IEC + F (female)
- dimensions: 26 × 60 × 60 mm
- packaging: 1 pc, box



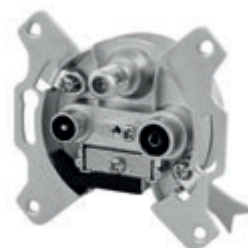
J0240E

1/-/-/100

25 01 000 330

EU3303E

- version: loop-through
- designation: TV (7) + R (7) + SAT (10)
- terminal attenuation: 7 dB
- insertion loss: 3 dB
- connector type: IEC + F (female)
- dimensions: 26 × 60 × 60 mm
- packaging: 1 pc, box



J0260

1/-/-/60

25 01 000 400

EU3407

- version: terminal
- designation: TV (3.5) + R (4)
- terminal attenuation: 3 dB
- connector type: IEC
- dimensions: 26 × 60 × 60 mm
- packaging: 1 pc, box



J0200

1/-/-/60

25 01 000 100

EU3503

- version: terminal
- designation: TV (1) + R (2)
- terminal attenuation: 1 dB
- connector type: IEC
- dimensions: 26 × 60 × 60 mm
- packaging: 1 pc, box



J0203

1/-/-/60

25 01 000 200

EU3601P

- version: loop-through
- designation: TV (7) + R (7)
- terminal attenuation: 7 dB
- insertion loss: 3 dB
- connector type: IEC
- dimensions: 26 × 60 × 60 mm
- packaging: 1 pc, box



J0220J

1/-/-/60

25 01 100 100

EU3607

- version: loop-through
- designation: TV (14) + R (14)
- terminal attenuation: 14 dB
- insertion loss: 1.5 dB
- connector type: IEC
- dimensions: 26 × 60 × 60 mm
- packaging: 1 pc, box



J0222
25 01 100 300

1/-/-/60
EU3614

Accessories

Combiners, splitters

- merge terrestrial and satellite broadcasting signal
- or terrestrial signal from 2 antennas
- divided by enclosure rating: indoor (IP20) or outdoor (IP53)
- split signal to up to 4 outputs (F or IEC connectors)
- selected types feature power pass for DC voltage

- product: signal combiner SAT+TV
- inputs: 2
- outputs: 1
- connectors: IEC
- frequency range: 0.1–1 000 MHz
- insertion loss: 3.5 dB
- power pass
- body material: zinc casting
- working temperature: -10→+65 °C

- using: TV + R
- IP rating: IP20
- dimensions: 17 × 32 × 23 mm
- packaging: 1 pc, PVC packet



J0197
25 03 000 100

1/-/10/200
EU2491

- product: signal combiner SAT+TV
- inputs: 2
- outputs: 1
- suitable for merging of satellite signals
- connectors: F female
- frequency range: 5–2 400 MHz
- insertion loss: 3.5 dB
- power pass: yes, SAT
- body material: zinc casting

- working temperature: -10→+65 °C
- using: TV + R + SAT
- IP rating: IP53
- dimensions: 25 × 35 × 20 mm
- packaging: 1 pc, PVC packet



J0198
25 03 000 400

1/-/10/200
TV+SAT
COMBINER

- product: splitter
- number of inputs: 1
- number of outputs: 2
- connectors: IEC
- frequency range: 0.1-1 000 MHz
- insertion loss: 3.5 dB
- power pass
- hub body material: zinc casting
- working temperature: -10→+65 °C

- using: TV + R
- IP rating: IP20
- dimensions: 17 × 32 × 23 mm
- packaging: 1 pc, header card



J0199 1/-/10/200
25 04 200 100 EU2501

- number of inputs: 1
- number of outputs: 2
- connectors: F female
- frequency range: 5-2 400 MHz
- insertion loss: 3.7 dB
- power pass: yes, 2×
- hub body material: zinc casting
- working temperature: -10→+65 °C
- using: TV + R

- IP rating: IP20
- dimensions: 25 × 35 × 20 mm
- packaging: 1 pc, box



J0102 1/-/10/200
25 04 500 110 EM2342

- number of inputs: 1
- number of outputs: 3
- connectors: F female
- frequency range: 5-2 400 MHz
- insertion loss: 6 dB
- power pass: yes, 3×
- hub body material: zinc casting
- working temperature: -10→+65 °C
- using: TV + R + SAT

- IP rating: IP20
- dimensions: 20 × 56 × 25 mm
- packaging: 1 pc, box



J0103 1/-/10/200
25 04 600 110 EM2343

- number of inputs: 1
- number of outputs: 4
- connectors: F female
- frequency range: 5-2 400 MHz
- insertion loss: 7.5 dB
- power pass: yes, 4×
- hub body material: zinc casting
- working temperature: -10→+65 °C
- using: TV + R + SAT

- IP rating: IP20
- dimensions: 20 × 56 × 25 mm
- packaging: 1 pc, box



J0104 1/-/10/200
25 04 700 110 EM2344

Amplifiers, preamplifiers, LTE filters

- amplification: 20–30 dB, F connectors (in & out), IP45
- built-in LTE filter 790 MHz suppresses mobile interference
- LTE filter can also be purchased extra (for older antennas)

product: antenna preamplifier = inputs: 1 = number of outputs: 1 = frequency range: 5–260 MHz, 470–790 MHz
 = gain: 25 dB = noise figure: <3.0 dB = connectors: F female = IP rating: IP45 = hole spacing: 27 mm = power supply: 12 V/50 mA = dimensions: 12 × 44 × 40 mm = packaging: 1 pc, PVC packet



J5802 1/-/10/200
25 07 100 600 BEN-25

product: antenna preamplifier = inputs: 1 = number of outputs: 1 = frequency range: 5–260 MHz, 470–790 MHz
 = gain: 30 dB = noise figure: <3.0 dB = connectors: F female = IP rating: IP45 = hole spacing: 27 mm = power supply: 12 V/50 mA = dimensions: 12 × 44 × 40 mm = packaging: 1 pc, PVC packet



J5803 1/-/10/200
25 07 100 700 BEN-30

product: shielded line amplifier = inputs: 1 = number of outputs: 1 = frequency range: 470–790 MHz = stop band: 790–2 200 MHz = gain: 20 dB = noise figure: <2.0 dB = maximum output signal level: 104 dBμV = connectors: F female = IP rating: IP45 = power supply: 5–12 V DC, 65 mA = dimensions: 20 × 42 mm = packaging: 1 pc, header card



J5709 1/-/10/200
25 08 000 810 AMP-20/5-12

product: shielded line amplifier = inputs: 1 = number of outputs: 1 = frequency range: 470–790 MHz = stop band: 790–2 200 MHz = gain: 30 dB = noise figure: <2.0 dB = maximum output signal level: 104 dBμV = connectors: F female = IP rating: IP45 = power supply: 5–12 V DC, 65 mA = dimensions: 20 × 42 mm = packaging: 1 pc, header card



J5710 1/-/10/200
25 08 000 900 AMP-30 5-12V

product: broadband home amplifier = inputs: 1 = number of outputs: 2 = frequency range: 47-230 MHz, 470-698 MHz = stop band: 400-470 MHz, 699-2 200 MHz = gain: 25 dB = gain control: 0-15 dB = noise figure: <3.0 dB = maximum output signal level: 108 dBμV = connectors: F female = IP rating: IP20 = power supply: 230 V +/-10 %, 50/60 Hz, 3 W = dimensions: 105 × 135 × 40 mm = packaging: 1 pc, box



J0400
25 06 000 800

1/-/-/40
EM440

product: 5G filter = inputs: 1 = number of outputs: 1 = frequency range: 0.3-694 MHz = stop band: 700-2 400 MHz = attenuation in the stop band: >40 dB = connectors: F female = IP rating: IP20 = power pass: yes, 300 mA = dimensions: 16 × 40 mm = packaging: 1 pc, box



J5711
25 08 100 100

1/-/10/200
EM694F

product: 5G filter = inputs: 1 = number of outputs: 1 = frequency range: 0.3-694 MHz = stop band: 700-2 400 MHz = attenuation in the stop band: >40 dB = connectors: IEC connector = IP rating: IP20 = power pass: yes, 300 mA = dimensions: 16 × 68 mm = packaging: 1 pc, box



J5712
25 08 100 200

1/-/10/200
EM694IEC

Power supply units for antennas

- for powering antenna preamps and splitters, with duplexer
- output voltage: 12 V/300 mA or 12 V/100 mA, F/IEC connector
- power cable length: 1.5 m

- version: SMPS switched
- designed for: power supply of antenna preamplifiers
- power supply: 110-230 V
- output voltage: 12 V
- output current: 300 mA
- ECO design
- standby power consumption: <0.3 W
- power supply shunt
- input connector of the power injector: F connector

- output connector of the power injector: IEC
- power cable: 1.5 m
- dimensions: 70 × 57 × 23 mm
- packaging: 1 pc, box



J5810
17 02 010 035

1/-/-/80
EM-12SP

- version: SMPS switched
- designed for: power supply of antenna preamplifiers
- power supply: 110–230 V
- output voltage: 12 V
- output current: 100 mA
- ECO design
- standby power consumption: <0.3 W
- power supply shunt
- input connector of the power injector: F connector
- output connector of the power injector: F connector
- power cable: 1.5 m
- dimensions: 24 × 68 × 35 mm
- packaging: 1 pc, box





J58133
17 02 010 034



1/-/-/70
BEN-712A

Holders for satellite, terrestrial antennas



- mounts for TV, Internet and parabolic satellite antennas
- for mounting onto a wall, mast or balcony railing
- length: 250–500 mm, diameter: 28–40 mm, height: 150–630 mm
- galvanised surface protects against rust

J60030	1/-/-/1	
25 21 000 030	V30G	
		



holder type: holder with crossing for the antennas = length from the base: 250 mm = finishing of the surface: galvanization = pipe diameter: 28 mm = height: 630 mm = mounting adapted to: wall = packaging: 1 pc, no packaging

J60110	1/-/-/1	
25 21 000 110	V110G	
		



holder type: holder basic = length from the base: 250 mm = finishing of the surface: galvanization = pipe diameter: 28 mm = height: 160 mm = mounting adapted to: wall = packaging: 1 pc, no packaging

J60120	1/-/-/1	
25 21 000 120	V120G	
		



holder type: holder with crossing = length from the base: 250 mm = finishing of the surface: galvanization = pipe diameter: 40 mm = height: 150 mm = mounting adapted to: wall = packaging: 1 pc, no packaging

J60130	1/-/-/1	
25 21 000 130	V130G	
		

holder type: holder with crossing = length from the base: 350 mm = finishing of the surface: galvanization = pipe diameter: 40 mm = height: 150 mm = mounting adapted to: wall = packaging: 1 pc, no packaging

J60140	1/-/-/1	
25 21 000 140	V140G	
		

holder type: holder with crossing = length from the base: 500 mm = finishing of the surface: galvanization = pipe diameter: 40 mm = height: 150 mm = mounting adapted to: wall = packaging: 1 pc, no packaging

J60170	1/-/-/1	
25 21 000 170	V170G	
		

holder type: pole holder = length from the base: 350 mm = finishing of the surface: galvanization = pipe diameter: 40 mm = height: 150 mm = mounting adapted to: mast = packaging: 1 pc, no packaging



Videophones, doorbells

Home videophones, sets

Home videophones

- part of modern household security
- kit consists of camera and monitor with intuitive controls
- expandable with extra inputs, screens or CCTV cameras
- gate control from inside the house, touch/mechanical keys
- higher class videophones also w/ photographic memory/Wi-Fi
- white or infrared camera illumination ensures night vision
- colour display, up to 16 ringtones, power supply included

product: video set = screen size: 7" = possibility to record = lock control = intercom = power supply for the screen: 12 V DC (included) = optional connection of CCTV camera = monitor size: 175 × 125 × 20 mm = dimensions of the camera unit: 135 × 50 × 25 mm = camera viewing angle: 160° = packaging: 1 pc, box



H3010 1/-/-/6
30 10 003 010 EM-10AHD

screen size: 7" = lock and gate control = intercom = power supply for the monitor: 12 V DC (included) = recommended camera unit: H3016, H3017, H3018 = monitor size: 175 × 125 × 20 mm = packaging: 1 pc, box



H3015 1/-/-/21
30 10 003 015 EM-10AHD

product: camera unit with RFID = number of buttons on the camera unit: 1 = power supply: via monitor = number of wires (monitor/lock/power supply): 4/2/0 = dimensions of the camera unit: 131 × 47 × 18 mm = IP rating: IP44 = camera viewing angle: 160° = door lock control = installation: surface = packaging: 1 pc, box



H3016 1/-/-20
30 10 003 016 EM-10AHD RF-1



product: camera unit with RFID = number of buttons on the camera unit: 2 = power supply: via monitor = number of wires (monitor/lock/power supply): 2× 4/2/0 = dimensions of the camera unit: 131 × 47 × 18 mm = IP rating: IP44 = camera viewing angle: 160° = door lock control = installation: surface = packaging: 1 pc, box



H3017 1/-/-20
30 10 003 017 EM-10AHD RF-2



product: camera unit with RFID = number of buttons on the camera unit: 4 = power supply: via monitor = number of wires (monitor/lock/power supply): 4× 4/2/0 = dimensions of the camera unit: 131 × 47 × 18 mm = IP rating: IP44 = camera viewing angle: 160° = door lock control = installation: surface = packaging: 1 pc, box



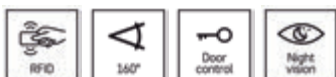
H3018 1/-/-20
30 10 003 018 EM-10AHD RF-4



product: camera unit = number of buttons on the camera unit: 1 = power supply: via monitor = number of wires (monitor/lock/power supply): 4+0+0 = dimensions of the camera unit: 49 × 132 × 20 mm = IP rating: IP65 = camera viewing angle: 160° horizontally a 130° vertically = door lock control = installation: surface = packaging: 1 pc, box



H3019 1/-/-20
30 10 003 019 EM-10AHD KEY-1



product: video set = screen size: 7" = lock control = power supply for the screen: 14.5 V DC (included) = monitor size: 152 × 215 × 18 mm = dimensions of the camera unit: 141 × 63 × 40 mm = camera viewing angle: 80° = packaging: 1 pc, box



H2050 1/-/-8
30 10 002 050 H2050



product: video set = screen size: 7" = lock control = intercom = power supply for the screen: 12 V DC (included) = optional connection of CCTV camera = monitor size: 233 × 23 × 160 mm = dimensions of the camera unit: 64 × 46 × 145 mm = camera viewing angle: 80° = packaging: 1 pc, box



H2017
30 10 002 017

1/-/-/6
EM-07HD

product: audio porter set = lock and gate control: door lock control = power supply: 12 V DC (included) = number of wires (monitor/lock/gate): 2+2+0 = dimensions of the door station: 35 × 65 × 145 mm = handset dimension: 75 × 93 × 225 mm = packaging: 1 pc, box



H1085
30 10 000 291

1/-/-/10
H1085

product: audio porter set = lock and gate control: door lock control = power supply: 12 V DC = number of wires (monitor/lock/gate): 3+2+0 = dimensions of the door station: 116 × 199 × 40 mm = handset dimension: 75 × 93 × 225 mm = packaging: 1 pc, box



H1086
30 10 000 292

1/-/-/10
H1086

product: additional camera unit = number of buttons on the camera unit: 1 = power supply: via monitor = number of wires (monitor/lock/power supply): 4/2/0 = dimensions of the camera unit: 64 × 46 × 145 mm = IP rating: IP44 = camera viewing angle: 80° = door lock control = installation: surface = packaging: 1 pc, box

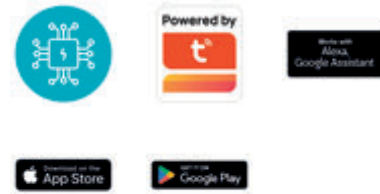


H1141
30 10 001 151

1/-/-/20
EM-07HD C-01

Videophones and video doorbells GoSmart

- Perfect access control for commercial and private properties
- Unusual activity alerts sent to mobile devices
- Two-way communication with the visitor without opening the door
- Automatic video and audio recording when motion is detected
- Night vision for perfect images in all lighting conditions
- Compatibility with EMOS GoSmart products and TUYA devices
- Voice control with Google Assistant and Amazon Alexa



product: video set = screen size: 7" = possibility to record = lock control = intercom = power supply for the screen: 12 V DC (included) = optional connection of CCTV camera = monitor size: 175 × 118 × 25 mm = dimensions of the camera unit: 142 × 44 × 21 mm = camera viewing angle: 160° = packaging: 1 pc, box = supported OS: Android, iOS = compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife, open system = protocol: Wi-Fi = connectivity: 2.4 GHz WIFI = voice communication: two-way



H4010 1/-/-4
30 10 040 100 IP-700A

product: additional monitor = screen size: 7" = lock and gate control = intercom = power supply for the monitor: 12 V DC (included) = recommended camera unit: H3016, H3017, H3018, H3019 = monitor size: 175 × 118 × 18 mm = packaging: 1 pc, box



H4011 1/-/-6
30 10 040 110 IP-700B

lock control = additional indoor bell = camera viewing angle: 110° = camera resolution: 1 920 × 1 080 = motion detection = IR CUT = siren = supported OS: Android, iOS = compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife, open system = protocol: Wi-Fi = transmission frequency: 2.4 GHz WIFI = SD card storage = cloud storage = anti-theft protection = control by voice assistants = voice communication: two-way = notifications to the mobile app = WebRTC function



H4030 1/-/-8
30 10 040 300 IP-09D DC

lock control = additional indoor bell = camera viewing angle: 110° = camera resolution: 1 920 × 1 080 = motion detection = IR CUT = siren = supported OS: Android, iOS = compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife, open system = protocol: Wi-Fi = transmission frequency: 2.4 GHz WIFI = SD card storage = cloud storage = anti-theft protection = control by voice assistants = voice communication: two-way = notifications to the mobile app = WebRTC function



H4031 1/-/-12
30 10 040 310 IP-09C

additional indoor bell = camera viewing angle: 130° = camera resolution: 1 920 × 1 080 = motion detection = IR CUT = siren: no = supported OS: Android, iOS = compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife, open system = protocol: Wi-Fi = transmission frequency: 2.4 GHz WIFI = SD card storage = cloud storage = anti-theft protection = control by voice assistants = voice communication: two-way = notifications to the mobile app = WebRTC function



H4032 1/-/-/10
30 10 040 320 IP-15S

Accessories for videophones

- electrical door controls are a key part of security systems
- often complemented by code keypads or fingerprint readers
- automatically open door lock after access verification
- keypad w/ 2 relays, built-in RFID fob reader also available
- memory capacity of up to 1 000 codes


H8011 1/-/-/20
30 80 000 011 H8011







product: entry code keypad with RFID reader = number of switching relays: 2 = number of codes: up to 1 000 = power source: 12-24 V DC (not included) = dimensions: 34 × 76 × 120 mm = packaging: 1 pc, box

H8013 1/100/-/700
30 80 000 013 H8013





product: RF tag = dimensions: 28 × 7 mm = packaging: 1 pc, packet = frequency: 125 kHz

H7006 1/-/-/40
30 70 000 006 H7006





input voltage: 100-240 V~ 50/60 Hz = designed for: RL EMOS source for videophones = output voltage: 12 V DC = output current: max. 2 000 mA = dimensions: 35 × 50 × 80 × mm = packaging: 1 pc, box

C0024 1/-/-/30
28 04 000 013 C0024





product: lock = type: with mechanical unblocking for constant entry - OPEN position = power supply: 12 V AC/DC (not included) = dimensions: 25 × 28 × 250 mm = packaging: 1 pc, box

C0025 1/-/-/30
28 04 000 014 C0025




product: lock = type: with a time pin, after the electric impulse position OPENED, after passing through the door position CLOSED = power supply: 12 V AC/DC (not included) = dimensions: 25 × 28 × 250 mm = packaging: 1 pc, box

H7009 1/-/-/50
30 70 000 009 H7009

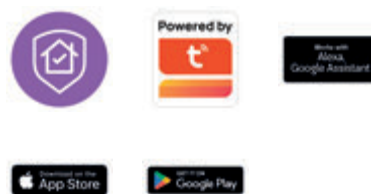



max. output total: 12 V/5 A = input voltage: 100-240 V~, 47-63 Hz = protection against overload, overvoltage and short circuit = designed for: universal = LED indicators = output voltage: 12 V DC = output current: max. 5 000 mA = power supply type: no cable = dimensions: 77 × 55 × 92 mm = packaging: 1 pc, paper box

Cameras, Surveillance

GoSmart Cameras

- For keeping people safe and protecting the interiors of homes
- Surveillance of exteriors of commercial and private buildings
- Alerts of unusual activity sent to mobile devices
- Two-way voice communication
- Automatic video and audio recording when motion is detected
- Connection to home network via WIFI protocol
- Compatibility with EMOS GoSmart products and TUYA devices
- Voice control with Google Assistant and Amazon Alexa



- automatic image saving
- setting the detection area
- night vision
- camera viewing angle: 100°
- IP rating: IP20
- camera resolution: 1 920 × 1 080
- motion detection
- sound detection
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- transmission frequency: 2.4 GHz WIFI
- voice communication: two-way
- motion tracking
- motorised rotation
- motion detection angle: 100°
- motion detection range: 10 meters



											H4051	1/-/-12
										8 592920 118191	30 24 040 510	IP-100 CUBE

- automatic image saving
- setting the detection area
- night vision
- camera viewing angle: 100°
- IP rating: IP20
- camera resolution: 2 304 × 1 296
- motion detection
- sound detection
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- transmission frequency: 2.4 GHz WIFI
- voice communication: two-way
- motion tracking
- motorised rotation
- motion detection angle: 100°
- motion detection range: 10 meters
- human body recognition



											H4052	1/-/-6
										8 592920 118146	30 24 040 520	IP-500 GUARD

- automatic image saving
- setting the detection area
- night vision
- camera viewing angle: 130°
- IP rating: IP65
- camera resolution: 1 920 × 1 080
- motion detection
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- transmission frequency: 2.4 GHz WIFI
- voice communication: two-way
- motion detection angle: 120°
- motion detection range: 9 metres
- human body recognition



											H4053	1/-/-14
										8 592920 118252	30 24 040 530	IP-200 SNAP

- automatic image saving
- setting the detection area
- night vision
- camera viewing angle: 130°
- IP rating: IP65
- camera resolution: 1 920 × 1 080
- motion detection
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi

- transmission frequency: 2.4 GHz WIFI
- voice communication: two-way
- motion tracking
- motorised rotation
- motion detection angle: 120°
- motion detection range: 10 meters



H4054 1/-/-/4
30 24 040 540 IP-300 TORCH

- automatic image saving
- setting the detection area
- night vision
- camera viewing angle: 130°
- IP rating: IP65
- camera resolution: 1 920 × 1 080
- motion detection
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi

- transmission frequency: 2.4 GHz WIFI
- voice communication: two-way
- motion tracking
- motorised rotation
- motion detection angle: 120°
- motion detection range: 10 meters



H4055 1/-/-/4
30 24 040 550 IP-300 TORCH

- automatic image saving
- night vision
- camera viewing angle: 110°
- IP rating: IP55
- camera resolution: 1 920 × 1 080
- motion detection
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi
- transmission frequency: 2.4 GHz WIFI

- voice communication: two-way
- motion detection angle: 120°
- motion detection range: 10 meters
- human body recognition



H4056 1/-/-/5
30 24 040 560 IP-600 EYE

Doorbells

Wireless doorbells

- EMOS doorbells have a battery- or mains-powered receiver
- paired from production/paired by user with ease in seconds
- new models with signal repeater – unlimited range
- with 1 or 2 waterproof buttons, more buttons can be added
- volume controls, optical signalisation, up to 52 ringtones

- reach of the button: 150 m
- number of melodies: 10
- pairing method: automatic pairing – self-learning
- special functions: battery-free button
- optical signaling on the doorbell
- optical signaling on the button
- maximum ringing volume: 110 dB
- option to add another button: yes, max. 8
- number of buttons in a package: 1 pc

- extra (spare) button: P5750T
- waterproof button: IP44
- power button: unpowered
- number of receivers in a package: 1 pc
- volume control: yes, 5 levels
- power supply of the main unit: 230 V AC



P5750
34 02 118 000

1/-/-/14
P5750



- reach of the button: 150 m
- number of melodies: 10
- pairing method: automatic pairing – self-learning
- special functions: battery-free button
- optical signaling on the doorbell
- optical signaling on the button
- maximum ringing volume: 110 dB
- option to add another button: yes, max. 8
- number of buttons in a package: 2 pcs

- extra (spare) button: P5750T
- waterproof button: IP44
- power button: unpowered
- number of receivers in a package: 1 pc
- volume control: yes, 5 levels
- power supply of the main unit: 230 V AC



P5750.2T
34 02 119 000

1/-/-/8
P5750.2T



- reach of the button: 150 m
- number of melodies: 10
- pairing method: automatic pairing – self-learning
- special functions: battery-free button
- optical signaling on the doorbell
- optical signaling on the button
- maximum ringing volume: 110 dB
- option to add another button: yes, max. 8
- number of buttons in a package: 1 pc

- extra (spare) button: P5750T
- waterproof button: IP44
- power button: unpowered
- number of receivers in a package: 2 pcs
- volume control: yes, 5 levels
- power supply of the main unit: 230 V AC



P5750.2R
34 02 120 000

1/-/-/8
P5750.2R



- reach of the button: 120 m
- number of melodies: 16
- pairing method: automatic pairing – self-learning
- special functions: USB output – 2 A, repeater functi
- optical signaling on the doorbell
- optical signaling on the button
- maximum ringing volume: 85 dB
- option to add another button: yes, max. 8
- number of buttons in a package: 1 pc
- extra (spare) button: P5760T
- waterproof button: IP44
- power button: 1× 3 V CR2032 (included)
- number of receivers in a package: 1 pc
- volume control: yes, 5 levels
- power supply of the main unit: 230 V AC



P5760 1/-/5/10
34 02 060 000 P5760

- reach of the button: 120 m
- number of melodies: 16
- pairing method: automatic pairing – self-learning
- special functions: repeater function – allows extend
- optical signaling on the doorbell
- optical signaling on the button
- maximum ringing volume: 85 dB
- option to add another button: yes, max. 8
- number of buttons in a package: 1 pc
- extra (spare) button: P5760T
- waterproof button: IP44
- power button: 1× 3 V CR2032 (included)
- number of receivers in a package: 1 pc
- volume control: yes, 5 levels
- power supply of the main unit: 3× 1.5 V AA (not inclu



P5763 1/-/5/10
34 02 060 001 P5763

- reach of the button: 120 m
- number of melodies: 16
- pairing method: automatic pairing – self-learning
- special functions: repeater function – allows extend
- optical signaling on the doorbell
- optical signaling on the button
- maximum ringing volume: 85 dB
- option to add another button: yes, max. 8
- extra (spare) button: P5760T
- power button: 1× 3 V CR2032 (included)
- number of receivers in a package: 1 pc
- volume control: yes, 5 levels
- power supply of the main unit: 3× 1.5 V AA (not inclu



P5763R 1/-/5/15
34 02 063 000 P5763R

- reach of the button: 150 m
- number of melodies: 36
- pairing method: automatic pairing – self-learning
- optical signaling on the button
- maximum ringing volume: 85 dB
- option to add another button: yes, max. 6
- number of buttons in a package: 1 pc
- extra (spare) button: P5727T
- waterproof button: IP44
- power button: 1× 3 V CR2032 (included)
- number of receivers in a package: 1 pc
- volume control: yes, 4 levels
- power supply of the main unit: 230 V AC



P5727 1/-/6/24
34 02 025 000 P5727

- reach of the button: 60 m
- number of melodies: 1
- pairing method: automatic pairing – self-learning
- optical signaling on the doorbell
- optical signaling on the button
- maximum ringing volume: 75 dB
- option to add another button: yes, max. 8
- number of buttons in a package: 1 pc
- extra (spare) button: P5723T
- waterproof button: IP44
- power button: 1× 3 V CR2032 (included)
- number of receivers in a package: 1 pc
- power supply of the main unit: 230 V AC



P5705 1/-/4/12
34 02 005 000 98080S

- reach of the button: 100 m
- number of melodies: 16
- pairing method: automatic pairing – self-learning
- optical signaling on the doorbell
- optical signaling on the button
- maximum ringing volume: 80 dB
- option to add another button: yes, max. 8
- number of buttons in a package: 1 pc
- extra (spare) button: P5723T
- waterproof button: IP44
- power button: 1× 3 V CR2032 (included)
- number of receivers in a package: 1 pc
- volume control
- power supply of the main unit: 3× 1.5 V AA (not inclu



P5712 1/-/5/40
34 02 012 000 98105



- reach of the button: 100 m
- number of melodies: 36
- pairing method: automatic pairing – self-learning
- optical signaling on the button
- maximum ringing volume: 75 dB
- option to add another button: yes, max. 8
- number of buttons in a package: 1 pc
- extra (spare) button: P5723T
- waterproof button: IP44
- power button: 1× 3 V CR2032 (included)
- number of receivers in a package: 1 pc
- power supply of the main unit: 3× 1.5 V AA (not inclu



P5723 1/3/-/48
34 02 107 000 98098



- reach of the button: 180 m
- number of melodies: 52
- pairing method: automatic pairing – self-learning
- optical signaling on the doorbell
- optical signaling on the button
- maximum ringing volume: 90 dB
- option to add another button: yes, max. 6
- number of buttons in a package: 1 pc
- extra (spare) button: P5728T
- waterproof button: IP56
- power button: 1× 12 V A23 (included)
- number of receivers in a package: 1 pc
- volume control: yes, 5 levels
- power supply of the main unit: 3× 1.5 V AAA (not inc



P5728 1/-/-/30
34 02 043 000 P5728



- reach of the button: 180 m
- number of melodies: 52
- pairing method: automatic pairing – self-learning
- optical signaling on the doorbell
- optical signaling on the button
- maximum ringing volume: 90 dB
- option to add another button: yes, max. 6
- number of buttons in a package: 1 pc
- extra (spare) button: P5728T
- waterproof button: IP56
- power button: 1× 12 V A23 (included)
- number of receivers in a package: 2 pcs
- volume control: yes, 5 levels
- power supply of the main unit: 3× 1.5 V AAA (not inc



P5730 1/-/-/12
34 02 115 000 P5730



- reach of the button: 180 m
- number of melodies: 36
- pairing method: automatic pairing – self-learning
- special functions: battery-free button
- optical signaling on the doorbell
- optical signaling on the button
- maximum ringing volume: 90 dB
- option to add another button: yes, max. 6
- number of buttons in a package: 1 pc
- extra (spare) button: P5729T
- waterproof button: IP44
- power button: unpowered
- number of receivers in a package: 1 pc
- volume control: yes, 4 levels
- power supply of the main unit: 230 V AC



P5729 1/-/-/14
34 02 044 000 P5729



- reach of the button: 180 m
- number of melodies: 36
- pairing method: automatic pairing – self-learning
- special functions: battery-free button
- optical signaling on the doorbell
- optical signaling on the button
- maximum ringing volume: 90 dB
- option to add another button: yes, max. 6
- number of buttons in a package: 1 pc
- extra (spare) button: P5729T
- waterproof button: IP44
- power button: unpowered
- number of receivers in a package: 2 pcs
- volume control: yes, 4 levels
- power supply of the main unit: 230 V AC



P5731 1/-/-/8
34 02 116 000 P5731

- reach of the button: 100 m
- number of melodies: 38
- pairing method: automatic pairing – self-learning
- special functions: highly visible optical signalisation
- optical signaling on the doorbell
- optical signaling on the button
- maximum ringing volume: 90 dB
- option to add another button: yes, max. 16
- number of buttons in a package: 1 pc
- extra (spare) button: P5732T
- waterproof button: IP44
- power button: 1x 3 V CR2032 (included)
- number of receivers in a package: 1 pc
- volume control: yes, 4 levels
- power supply of the main unit: 3x 1.5 V AAA (not inc)



P5732 1/-/-/30
34 02 117 000 P5732

- reach of the button: 180 m
- number of melodies: 36
- pairing method: automatic pairing – self-learning
- special functions: battery-free button
- optical signaling on the doorbell
- optical signaling on the button
- maximum ringing volume: 90 dB
- option to add another button: yes, max. 6
- number of buttons in a package: 1 pc
- extra (spare) button: P5729T
- waterproof button: IP44
- power button: unpowered
- number of receivers in a package: 1 pc
- volume control: yes, 4 levels
- power supply of the main unit: 230 V AC



P5729B 1/-/-/14
34 02 121 000 P5729B

- reach of the button: 150 m
- number of melodies: 36
- pairing method: automatic pairing – self-learning
- special functions: highly visible optical signalisation
- optical signaling on the doorbell
- optical signaling on the button
- maximum ringing volume: 110 dB
- option to add another button: yes, max. 8
- number of buttons in a package: 1 pc
- extra (spare) button: P5732T
- waterproof button: IP44
- power button: 1x 3 V CR2032 (included)
- number of receivers in a package: 1 pc
- volume control: yes, 4 levels
- power supply of the main unit: 230 V AC



P5733W 1/-/-/14
34 02 122 000 P5733W

- reach of the button: 150 m
- number of melodies: 36
- pairing method: automatic pairing – self-learning
- special functions: highly visible optical signalisation
- optical signaling on the doorbell
- optical signaling on the button
- maximum ringing volume: 110 dB
- option to add another button: yes, max. 8
- number of buttons in a package: 1 pc
- extra (spare) button: P5732T
- waterproof button: IP44
- power button: 1x 3 V CR2032 (included)
- number of receivers in a package: 1 pc
- volume control: yes, 4 levels
- power supply of the main unit: 230 V AC



P5733S 1/-/-/14
34 02 123 000 P5733S

- reach of the button: 150 m
- number of melodies: 36
- pairing method: automatic pairing – self-learning
- special functions: highly visible optical signalisation
- optical signaling on the doorbell
- optical signaling on the button
- maximum ringing volume: 110 dB
- option to add another button: yes, max. 8
- number of buttons in a package: 1 pc
- extra (spare) button: P5732T
- waterproof button: IP44
- power button: 1× 3 V CR2032 (included)
- number of receivers in a package: 1 pc
- volume control: yes, 4 levels
- power supply of the main unit: 230 V AC



P5733G 1/-/-/14
34 02 124 000 P5733G



- reach of the button: 150 m
- number of melodies: 10
- pairing method: automatic pairing – self-learning
- optical signaling on the doorbell
- optical signaling on the button
- maximum ringing volume: 85 dB
- option to add another button: yes, max. 8
- number of buttons in a package: 1 pc
- extra (spare) button: P5734T
- waterproof button: IP56
- power button: 1× 3 V CR2032 (included)
- number of receivers in a package: 1 pc
- volume control: yes, 5 levels
- power supply of the main unit: 230 V AC



P5734 1/-/-/14
34 02 125 000 P5734



- reach of the button: 150 m
- number of melodies: 10
- pairing method: automatic pairing – self-learning
- optical signaling on the doorbell
- optical signaling on the button
- maximum ringing volume: 85 dB
- option to add another button: yes, max. 8
- number of buttons in a package: 1 pc
- extra (spare) button: P5734T
- waterproof button: IP56
- power button: 1× 3 V CR2032 (included)
- number of receivers in a package: 1 pc
- volume control: yes, 5 levels
- power supply of the main unit: 230 V AC



P5734B 1/-/-/14
34 02 126 000 P5734B



Spare push buttons

- spare or additional buttons for EMOS doorbells
- wireless, compatible with certain door chime type
- most commonly require 1 battery, water resistant (IP44)

- power source: unpowered
- pairing method: self-learning (automatic pairing)
- range in open space: up to 150 m
- IP rating: IP55
- designed for the type of bell: P5750, P5750.2T, P575



P5750T 1/-/-/50
34 02 118 001 P5750T



- power source: 1× 3 V CR2032 (included)
- pairing method: self-learning (automatic pairing)
- range in open space: up to 120 m
- IP rating: IP44
- designed for the type of bell: P5760, P5763, P5763R



P5760T 1/-/5/40
34 02 060 002 P5760T

- power source: 1× 3 V CR2032 (included)
- pairing method: self-learning (automatic pairing)
- range in open space: up to 100 m
- IP rating: IP44
- designed for the type of bell: 98103, 98098, 98105,



P5723T 1/-/-/48
34 02 108 000 98YK

- power source: 1× 3 V CR2032 (included)
- pairing method: self-learning (automatic pairing)
- range in open space: up to 150 m
- IP rating: IP44
- designed for the type of bell: P5727



P5727T 1/-/-/50
34 02 112 000 P5727T

- power source: 1× 12 V A23 (included)
- pairing method: self-learning (automatic pairing)
- range in open space: up to 180 m
- IP rating: IP56
- designed for the type of bell: P5728, P5730



P5728T 1/-/-/50
34 02 113 000 P5728T

- power source: unpowered
- pairing method: self-learning (automatic pairing)
- range in open space: up to 180 m
- IP rating: IP44
- designed for the type of bell: P5729, P5729B, P5731



P5729T 1/-/-/50
34 02 114 000 P5729T

- power source: 1× 3 V CR2032 (included)
- pairing method: self-learning (automatic pairing)
- range in open space: up to 100 m
- IP rating: IP44
- designed for the type of bell: P5732, P5733W, P573



P5732T 1/-/-/50
34 02 117 001 P5732T

- power source: 1× 3 V CR2032 (included)
- pairing method: self-learning (automatic pairing)
- range in open space: up to 150 m
- IP rating: IP56
- designed for the type of bell: P5734, P5734B



P5734T 1/-/-/50
34 02 126 001 P5734T

Wired doorbells

- classic mechanical bells with one melody
- distance between bell and button exactly according to the user's needs
- constantly functional thanks to 230 V power supply

- reach of the button: wiring connection
- number of melodies: 1
- maximum ringing volume: 85 dB
- power button: wiring connection
- number of receivers in a package: 1 pc
- power supply of the main unit: 230 V AC



P57001 1/-/-/20
34 01 000 010 P57001

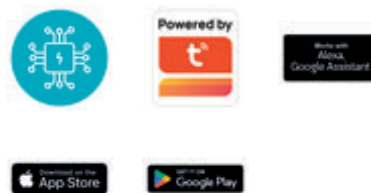
- reach of the button: wiring connection
- number of melodies: 1
- maximum ringing volume: 85 dB
- power button: wiring connection
- number of receivers in a package: 1 pc
- power supply of the main unit: 230 V AC



P57002 1/-/-/20
34 01 000 020 P57002

Accessories GoSmart

- To expand the smart home with additional sensors and products
- Allows automation settings for added sensors and products
- Installation without pulling electrical cables
- Three-position buttons - press, double press, long press
- Long power supply battery life - up to 2 years
- Compatible with EMOS GoSmart products and TUYA devices
- Voice control with Google Assistant and Amazon Alexa



- product: IP gateway
- connectivity: 2.4 GHz WIFI
- maximum number of connected clients: 50
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Wi-Fi/Zigbee 3.0/BLE/SigMesh
- pairing: automatic, manual
- use: automation
- number of control buttons: 1
- power supply: 5 V DC/1.0 A

▪ supported OS: Android, iOS



H5001 1/-/-/120
30 69 050 010 IP-1000Z

- product: IP Smart Scene Switcher
- connectivity: ZigBee 2.4 GHz
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- pairing: automatic, manual
- use: automation
- number of control buttons: 1
- power supply: CR 2430 3 V
- supported OS: Android, iOS



H5011 1/-/-/60
30 69 050 110 IP-2001ZW

- product: IP Smart Scene Switcher
- connectivity: ZigBee 2.4 GHz
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- pairing: automatic, manual
- use: automation
- number of control buttons: 2
- power supply: CR 2430 3 V
- supported OS: Android, iOS



H5012 1/-/-/60
30 69 050 120 IP-2002ZW

- product: IP Smart Scene Switcher
- connectivity: ZigBee 2.4 GHz
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- pairing: automatic, manual
- use: automation
- number of control buttons: 4
- power supply: CR 2430 3 V
- supported OS: Android, iOS



H5013 1/-/-/60
30 69 050 130 IP-2004ZW

- product: IP Smart Scene Switcher
- connectivity: ZigBee 2.4 GHz
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- pairing: automatic, manual
- use: automation
- number of control buttons: 1
- power supply: CR 2430 3 V
- supported OS: Android, iOS



H5014
30 69 050 140

1/-/-/60
IP-2001ZB

- product: IP Smart Scene Switcher
- connectivity: ZigBee 2.4 GHz
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- pairing: automatic, manual
- use: automation
- number of control buttons: 2
- power supply: CR 2430 3 V
- supported OS: Android, iOS



H5015
30 69 050 150

1/-/-/60
IP-2002ZB

- product: IP Smart Scene Switcher
- connectivity: ZigBee 2.4 GHz
- compatibility: EMOS GoSmart, TUYA, LIDL, Smartlife
- protocol: Zigbee 3.0
- pairing: automatic, manual
- use: automation
- number of control buttons: 4
- power supply: CR 2430 3 V
- supported OS: Android, iOS



H5016
30 69 050 160

1/-/-/60
IP-2004ZB

Multimeters, testers



Multimeters, measuring cables

- multimeters measure electrical quantities – voltage, etc.
- automatic or manual measurement range selection
- also measure temperature and allow diode or transistor tests
- clamp multimeter for higher values, w/o circuit interruption
- plus spare measuring leads with tips, for any multimeter

AC voltage: 6–600 V = DC voltage: 6–600 V = screen display: 3 5/6 digit = range selection: both automatic and manual = non-contact AC voltage detection = electrical resistance: 600 Ohm – 10 MOhm = circuit continuity = auto power off = included: battery, manual, measurement tips = power source: 2 × 1.5 V LR44 (included) = dimensions: 54 × 112 × 12 mm

**M3252**

1/-/-/60

22 02 018 000

MD-510

AC voltage: 600 mV – 750 V = AC current: 600 µA–10 A = DC voltage: 600 mV – 1 000 V = DC current: 600 µA–10 A = screen display: 5 3/4 digit = backlight display = range selection: both automatic and manual = electrical resistance: 600 Ohm – 60 MOhm = circuit continuity = diode test = transistor test = temperature measurement: -40 °C to +300 °C = max. value hold = Data hold mode = auto power off = included: battery, measurement tips, reduction for measuring transistors, temperature probe type K = power source: 1 × 9 V (included) = dimensions: 35 × 90 × 190 mm

**M0430**

1/-/-/8

22 02 019 000

MD-430

AC voltage: 2–300 V = AC current: 200 µA – 10 A / with pliers up to 1 000 A (not included) = DC voltage: 200 mV – 300 V = DC current: 200 µA – 10 A / with pliers up to 1 000 A (not included) = screen display: 3.5 digit = backlight display = range selection: automatic = electrical resistance: 200 Ohm – 20 MOhm = circuit continuity = diode test = transistor test = temperature measurement: -20 °C to +1 000 °C = max. value hold = Data hold mode = auto power off = included: battery, test leads, reduction for measuring transistors, temp. probe type K, lock the battery cover = power source: 3 × 1.5 V AAA (included) = dimensions: 35 × 75 × 158 mm

**M0420**

1/-/10/20

22 02 008 000

MD-420

AC voltage: 200 mV – 300 V = AC current: 20 mA – 10 A = DC voltage: 200 mV – 300 V = DC current: 20 mA – 10 A = screen display: 3.5 digit = backlight display = range selection: manual = non-contact AC voltage detection = electrical resistance: 200 Ohm – 20 MOhm = circuit continuity = diode test = battery test = temperature measurement: 0 °C to +1 000 °C = Data hold mode = included: battery, manual, measurement tips = power source: 1× 9 V (included) = dimensions: 168 × 83 × 35 mm



M3691
22 02 016 000

1/-/-20
EM3691



AC voltage: 200–300 V = DC voltage: 200 mV – 300 V = DC current: 20 mA – 10 A = screen display: 3.5 digit = backlight display = range selection: manual = electrical resistance: 200 Ohm – 2 MOhm = circuit continuity = diode test = battery test = Data hold mode = included: battery, manual, measurement tips = power source: 1× 9 V (included) = dimensions: 150 × 75 × 35 mm



M3620
22 02 017 000

1/-/-20
MD-310



AC voltage: 200–600 V = AC current: 200 mA – 10 A = DC voltage: 2–600 V = DC current: 200 mA – 10 A = screen display: 3.5 digit = backlight display = range selection: manual = electrical resistance: 200 Ohm – 2 MOhm = circuit continuity = diode test = battery test: 1.5 V/9 V = temperature measurement: -40 °C to +300 °C = Data hold mode = auto power off = included: battery, manual, measurement tips, temperature probe = power source: 3× 1.5 V AAA (included) = dimensions: 35 × 75 × 155 mm



M0230
22 02 020 000

1/-/-20
MD-230



AC voltage: 2–600 V = AC current: 2 mA – 10 A = DC voltage: 200 mV – 600 V = DC current: 2 mA – 10 A = screen display: 3.5 digit = range selection: manual = electrical resistance: 200 Ohm – 20 MOhm = circuit continuity = diode test = transistor test = included: battery, manual, measurement tips = power source: 1× 9 V (included) = dimensions: 32 × 85 × 165 mm



M2092
22 02 003 000

1/-/5/15
MD-220



AC voltage: 200–300 V = DC voltage: 200 mV – 300 V = DC current: 20 µA – 10 A = screen display: 3.5 digit = range selection: manual = electrical resistance: 200 Ohm – 2 MOhm = circuit continuity = diode test = included: battery, manual, measurement tips, protective case = power source: 1× 9 V (included) = dimensions: 27 × 70 × 135 mm



M0391
22 02 007 000

1/-/10/20
MD-210



AC voltage: 200–300 V = DC voltage: 200 mV – 300 V = DC current: 2 000 μ A – 200 mA = screen display: 3.5 digit = range selection: manual = electrical resistance: 200 Ohm – 2 MOhm = diode test = battery test: 1.5 V/9 V = included: battery, manual, measurement tips = power source: 1 \times 12 V (included) = dimensions: 30 \times 57 \times 95 mm



M0320
22 02 014 000

1/-/20/80
MD-110



AC voltage: 4–600 V = AC current: 400 A = DC voltage: 400 mV – 600 V = DC current: 400 A = clamp multimeter = screen display: 3 3/4 digit = range selection: automatic = electrical resistance: 400 Ohm – 40 MOhm = circuit continuity = diode test = temperature measurement: -20 $^{\circ}$ C to +1 000 $^{\circ}$ C = Data hold mode = auto power off = included: battery, manual, measurement tips = power source: 2 \times 1.5 V AAA (included) = dimensions: 38 \times 71 \times 194 mm



M0400
22 02 013 000

1/-/-/20
MD-410C



AC voltage: 2–600 V = AC current: 2–600 A = DC voltage: 200 mV – 600 V = clamp multimeter = screen display: 3.5 digit = range selection: automatic = electrical resistance: 200 Ohm – 20 MOhm = circuit continuity = diode test = Data hold mode = auto power off = included: battery, manual, measurement tips = power source: 2 \times 3 V CR2032 (included) = dimensions: 36 \times 76 \times 190 mm



M0305
22 02 015 000

1/-/12/24
MD-310C

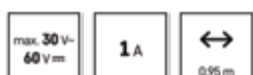


cable length: 95 cm = maximum load: 1 A, 30 V AC, 60 V DC = possibility to tips exchange = colour: red, black = packaging: 1 pc, blister



S4001N
23 04 000 101

1/5/-/50
S4001N

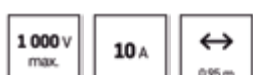


cable length: 95 cm = maximum load: 10 A, 1 kV, CAT III = colour: red, black = packaging: packet



S4003
23 04 000 300

1/-/-/200
BB58



Testers

- voltage tester for measuring voltage value
- also identifies phases, sequence and polarity
- detects DC and AC voltage, contact or non-contact
- results indicated optically and acoustically

DC voltage: 6–690 V = AC voltage: 6–690 V = AC/DC voltage: 6 V, 12 V, 24 V, 50 V, 120 V, 230 V, 400 V, 690 V = polarity indication = phase indication = signalization: optical + acoustic = power source: 2× 1.5 V AAA (included) = frequency range: 45–65 Hz = measuring of connections of circuits = packaging: 1 pc, blister



M0071
22 01 013 000

1/-/-/10
VT-710

DC voltage: 12–690 V = AC voltage: 12–690 V = AC/DC voltage: 12 V, 24 V, 50 V, 120 V, 230 V, 400 V, 690 V = polarity indication = phase indication = signalization: optical + acoustic = power source: 9 V (included) = frequency range: 0–60 Hz = measuring of connections of circuits = packaging: 1 pc, blister



M0012A
22 01 014 000

1/5/-/15
VT-320

DC voltage: 110–400 V = AC voltage: 110–400 V = AC/DC voltage: 110 V, 230 V, 400 V = polarity indication = phase indication = signalization: optical = power source: from power source = frequency range: 0–60 Hz = packaging: 1 pc, blister



M0014A
22 01 012 000

1/5/-/15
VT-310

detection: AC wiring = signalization: optical + acoustic = AC voltage: 70–1 000 V = dimensions: 153 × 22 mm = power source: 2× 1.5 V AAA (included) = packaging: 1 pc, blister



M0007A
22 05 000 010

1/-/30/60
VT-150

DC voltage: 0 to 250 V contactless = AC voltage: 70 to 250 V contactless = AC/DC voltage: 0-250 V, 70-250 V = polarity indication = non-contact measuring: polarity of sources and short-circuit, microwave ovens monitors emission = signalization: optical = power source: 2x 1.5 V LR41 (included) = frequency range: 0-60 Hz = packaging: 1 pc, blister



M0018
22 01 001 000

1/5/-/45
VT-110

DC voltage: 0 to 250 V contactless = AC voltage: 70 to 250 V contactless = AC/DC voltage: 0-250 V, 70-250 V = polarity indication = non-contact measuring: polarity of sources and short-circuit, microwave ovens monitors emission = two settings of sensitivity = signalization: optical + acoustic = power source: 2x 1.5 V LR44 (included) = frequency range: 0-60 Hz = packaging: 1 pc, blister



M0048
22 01 002 000

1/5/-/50
VT-120

DC voltage: 6-400 V = AC voltage: 6-400 V = AC/DC voltage: 6 V, 12 V, 24 V, 50 V, 120 V, 230 V, 400 V = polarity indication = signalization: optical = power source: from power source = frequency range: 0-60 Hz = packaging: 1 pc, blister



M0003B
22 01 015 000

1/-/5/40
VT-211

designed for battery type: AAA, AA, C, D, 9 V and for button cells 1.5 V, 3 V = type: UNI D3 = value of load resistance for the AA, AAA, C, D, 9 V: universal = the value of load resistance for button batteries: universal = dimensions: 110 x 60 x 25 mm



N0322
22 03 003 000

1/-/5/50
UNI D3

Measuring instruments

- multidetector maps electrical wiring – no more drilled wires
- laser range finder calculates distance, area and room volume
- non-contact voltage detector for AC voltage up to 1 000 V

detection: wood, metal, AC wiring = signalization: optical + acoustic = dimensions: 28 × 72 × 155 mm = power source: 1× 9 V (included) = packaging: 1 pc, blister

**M0501**

1/-/5/30

22 06 000 010

M0501

measuring distance: 0.05–40 m = measuring functions: length, surface, volume, continual measurement, Pythagoras = measuring units: m, ft, in, m², ft², m³, ft³ = power source: 2× 1.5 V AAA (not included) = packaging: 1 pc, small box

**M0502**

1/-/-/50

22 06 000 020

M0502

measuring functions: temperature = measuring units: °C/°F = power source: 1× 9 V = packaging: 1 pc, blister

**M0503**

1/-/-/18

22 06 000 030

M0503

Thermostats, CO and smoke alarms



Thermostats

Thermostats EMOS

- indoor thermostats regulate heating systems & cooling units
- manual and digital, with programmable heating cycle
- wireless, wired and clamp-on (monitor service water temp.)
- often with backlit display and always with freeze protection
- bestseller: wireless digital thermostats (simple to install)

thermostat type: wireless with OpenTherm communication = type of control: programmable electronic indoor thermostat = backlight display = control mode: heating and cooling system = number of programs: 6 + 3 customizable for users = temperature adjustment type: comfort and economy temperature = temperature measurement: 0 °C to 40 °C, resolution 0.2 °C = temperature adjustment: from 7 °C up to 30 °C, after 0.2 °C = anti-frost protection = ON/OFF function = switching: 230 V AC or potential-free = switching load: 16 A resistive, 5 A inductive = power of transmitter: 2x 1.5 V AA (included) = power of receiver: 230 V AC = receiver's dimension: 37 x 115 x 91 mm = transmitter's dimension: 23 x 97 x 122 mm



P56110T

1/-/-/10

21 01 309 000

P56110T

thermostat type: wireless = type of control: programmable electronic room thermostat, option to control via mobile phone (iOS, Android) = backlight display = control mode: heating system = number of programs: customisable = temperature adjustment type: 6 temperature changes per day = temperature measurement: 0 °C to 40 °C, resolution 0.1 °C = temperature adjustment: 5 °C to 35 °C, resolution 0.5 °C = anti-frost protection = ON/OFF function = holiday mode = switching: 230 V AC or potential-free = switching load: 16 A resistive, 4 A inductive = power of transmitter: 5 V USB adapter (included) = power of receiver: 230 V AC = receiver's dimension: 37 x 86 x 86 mm = transmitter's dimension: 15 x 96 x 96 mm = part of the package: wireless thermostat, wireless receiver, USB car charger 5 V/1.5 A, micro USB cable 1.5 m



P5623

1/-/-/8

21 01 306 000

P5623

thermostat type: wireless with OpenTherm communication = type of control: programmable electronic indoor thermostat = backlight display = control mode: heating and cooling system = number of programs: 1 customisable programme or customisable temperature (6× per day) = temperature adjustment type: 6 temperature changes per day = temperature measurement: 0 °C to 40 °C, resolution 0.1 °C = temperature adjustment: from 5 °C up to 35 °C, after 0.5 °C = anti-frost protection = ON/OFF function = holiday mode = switching: 230 V AC or potential-free = switching load: 10 A resistive, 4 A inductive = power of transmitter: 2× 1.5 V AA (included) = power of receiver: 230 V AC = receiver's dimension: 26 × 86 × 86 mm = transmitter's dimension: 26 × 126 × 84 mm



P56160T
21 01 307 000

1/-/-12
P56160T

thermostat type: wireless = type of control: manual electronic indoor thermostat = backlight display = control mode: heating and cooling system = number of programs: user adjustable temperature = temperature adjustment type: manually = temperature measurement: 0 °C to 40 °C, resolution 0.1 °C = temperature adjustment: from 5 °C up to 35 °C, after 0.5 °C = anti-frost protection = ON/OFF function = switching: 230 V AC or potential-free = switching load: 16 A resistive, 4 A inductive = power of transmitter: 2× 1.5 V AAA (included) = power of receiver: 230 V AC = receiver's dimension: 26 × 86 × 86 mm = transmitter's dimension: 28 × 120 × 77 mm



P5614
21 01 106 010

1/-/-12
P5614

thermostat type: wired with OpenTherm communication = type of control: programmable electronic indoor thermostat = backlight display = control mode: heating and cooling system = number of programs: 1 customisable programme or customisable temperature (6× per day) = temperature adjustment type: 6 temperature changes per day = temperature measurement: 0 °C to 40 °C, resolution 0.1 °C = temperature adjustment: from 5 °C up to 35 °C, after 0.5 °C = anti-frost protection = ON/OFF function = holiday mode = switching: 230 V AC or potential-free = switching load: 6 A resistive, 2 A inductive = power source: 2× 1.5 V AA (included) = dimensions: 26 × 126 × 84 mm



P56060T
21 01 208 000

1/-/-40
P56060T

thermostat type: wire = type of control: programmable electronic indoor thermostat = backlight display = control mode: heating and cooling system = number of programs: 1 customisable programme or customisable temperature (6× per day) = temperature adjustment type: 6 temperature changes per day = temperature measurement: 0 °C to 40 °C, resolution 0.1 °C = temperature adjustment: from 5 °C up to 35 °C, after 0.5 °C = anti-frost protection = switching: 230 V AC or potential-free = switching load: 8 A resistively, 2 A inductively = power source: 2× 1.5 V AAA (included) = dimensions: 26 × 120 × 78 mm



P5607
21 01 209 000

1/-/-20
P5607

thermostat type: wire = type of control: manual indoor thermostat = backlight display = control mode: heating and cooling system = number of programs: user adjustable temperature = temperature adjustment type: manually = temperature measurement: 0 °C to 40 °C, resolution 0.1 °C = temperature adjustment: from 5 °C up to 35 °C, after 0.5 °C = anti-frost protection = switching: 230 V AC or potential-free = switching load: 8 A resistively, 2 A inductively = power source: 2× 1.5 V AAA (included) = dimensions: 30 × 120 × 77 mm



P5604
21 01 106 000

1/-/-40
P5604

thermostat type: wire = type of control: manual indoor thermostat = control mode: heating and cooling system = number of programs: user adjustable temperature = temperature adjustment type: manually = temperature measurement: 0 °C to 40 °C, resolution 1 °C = temperature adjustment: from 5 °C up to 30 °C, after 1 °C = anti-frost protection = switching: 230 V AC or potential-free = switching load: 6 A resistive, 2 A inductive = power source: 2× 1.5 V AA (included) = dimensions: 40 × 93 × 86 mm



P5603R
21 01 106 001

1/-/-/36
P5603R



thermostat type: wired for underfloor heating = type of control: programmable electronic indoor thermostat = backlight display = control mode: heating system = number of programs: 1 customisable programme or customisable temperature (6× per day) = temperature adjustment type: 6 temperature changes per day = temperature measurement: 0 °C to 99 °C, resolution 0.1 °C = temperature adjustment: from 5 °C up to 95 °C, after 0.5 °C = anti-frost protection = ON/OFF function = switching: voltage 230 V AC, 50 Hz = switching load: 16 A resistive = power source: 230 V AC = dimensions: 43 × 86 × 90 mm = part of the package: thermostat, floor sensor 3 m



P5601UF
21 01 210 000

1/-/-/14
P5601UF



thermostat type: wire, flow thermostat = type of control: manual thermostat = control mode: heating and cooling system = temperature measurement: 0 °C to 90 °C = temperature adjustment: 0 °C to 90 °C, resolution 5 °C = switching: voltage 230 V AC, 50 Hz = switching load: 16 A resistive, 4 A inductive = power source: 230 V, 400 V AC = dimensions: 38 × 54 × 105 mm



P5681
21 01 103 000

1/-/5/20
T80



thermostat type: wire, capillary sensor thermostat = type of control: manual thermostat = control mode: heating and cooling system = temperature measurement: 0 °C to 90 °C = temperature adjustment: 0 °C to 90 °C, resolution 5 °C = switching: voltage 230 V AC, 50 Hz = switching load: 16 A resistive, 4 A inductive = capillary sensor length: 1 m, Ø 7 mm = power source: 230 V, 400 V AC = dimensions: 38 × 54 × 105 mm



P5682
21 01 104 000

1/-/5/20
T80F



thermostat type: wire, flow thermostat = type of control: manual thermostat = backlight display = control mode: heating and cooling system = temperature adjustment type: manually = temperature measurement: 5 °C to 80 °C, resolution 0.1 °C = temperature adjustment: from 5 °C up to 80 °C, after 0.1 °C = ON/OFF function = switching: voltage 230 V AC, 50 Hz = switching load: 5 A resistively, 1.5 A inductively = power source: 230 V AC = dimensions: 41 × 50 × 138 mm



P5683
21 01 107 000

1/-/5/30
P5683



thermostat type: wire, capillary sensor thermostat = type of control: manual thermostat = backlight display = control mode: heating and cooling system = temperature adjustment type: manually = temperature measurement: 5 °C to 90 °C, resolution 0.1 °C = temperature adjustment: from 5 °C up to 90 °C, after 0.1 °C = ON/OFF function = switching: voltage 230 V AC, 50 Hz = switching load: 5 A resistively, 1.5 A inductively = capillary sensor length: 0.9 m, Ø 6 mm = power source: 230 V AC = dimensions: 36 × 45 × 138 mm



P5684

1/-/5/30

21 01 108 000

P5684

thermostat type: wire, flow thermostat = type of control: manual thermostat = control mode: heating and cooling system = temperature measurement: 0 °C to 90 °C = temperature adjustment: 0 °C to 90 °C, resolution 5 °C = switching: voltage 230 V AC, 50 Hz = switching load: 16 A resistive, 4 A inductive = power source: 230 V, 400 V AC = dimensions: 57 × 38 × 108 mm, thermowell: 110 mm, Ø 8 mm, 1/2" thread



P5685

1/-/5/15

21 01 109 000

P5685

thermostat type: wire, flow thermostat = type of control: manual thermostat = backlight display = control mode: heating and cooling system = temperature adjustment type: manually = temperature measurement: 5 °C to 80 °C, resolution 0.1 °C = temperature adjustment: from 5 °C up to 80 °C, after 0.1 °C = ON/OFF function = switching: voltage 230 V AC, 50 Hz = switching load: 5 A resistively, 1.5 A inductively = power source: 230 V AC = dimensions: 46 × 45 × 140 mm, thermowell: 58 mm, Ø 8 mm, 1/2" thread



P5686

1/-/5/20

21 01 110 000

P5686

thermostat type: wireless with OpenTherm communication = switching: 230 V AC or potential-free = switching load: 16 A resistive, 5 A inductive = power of receiver: 230 V AC = receiver's dimension: 37 × 115 × 91 mm



P56110TR

1/-/1/36

21 01 308 000

P56110TR

thermostat type: socket = type of control: programmable electronic indoor thermostat = backlight display = control mode: heating and cooling system = number of programs for thermostat: customisable temperature (6 × per day) = temperature adjustment type: 6 temperature changes per day = temperature measurement: 0 °C to 45 °C, resolution 0.1 °C = temperature adjustment: 5 °C to 40 °C, resolution 0.5 °C = adjustable variance of temperature: from 0.2 °C up to 2 °C, after 0.1 °C = number of programs for timer: 24 = number of switching per day for timer: 24 = function to change summer/winter time = countdown function = dimensions: 82 × 62 × 146 mm



P5660SH

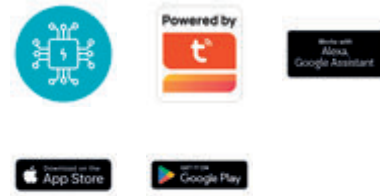
1/-/1/16

21 06 000 200

P5660SH

Thermostats GoSmart

- Reduce heating/cooling costs for buildings
- Individual temperature settings for different rooms
- Set temperature scenarios for specific day and time
- Control all settings from anywhere using the app
- Heating or air conditioning control based on GPS location
- Connection via WIFI or Zigbee protocols
- Compatibility with EMOS GoSmart products and TUYA devices
- Voice control with Google Assistant and Amazon Alexa



thermostat type: wire = type of control: programmable electronic room thermostat, option to control via mobile phone (iOS, Android) = backlight display = control mode: heating and cooling system = number of programs: customisable temperature (6× per day) = temperature adjustment type: 6 temperature changes per day = temperature measurement: 0 °C to 40 °C, resolution 0.1 °C = temperature adjustment: from 5 °C up to 35 °C, after 0.5 °C = anti-frost protection = ON/OFF function = holiday mode = switching: voltage 230 V AC, 50 Hz = switching load: 6 A resistive, 2 A inductive = power source: 230 V AC = dimensions: 138 × 88 × 33 mm



P56201 1/-/-12
21 01 900 000 P56201

thermostat type: wireless = type of control: programmable electronic room thermostat, option to control via mobile phone (iOS, Android) = backlight display = control mode: heating and cooling system = number of programs: customisable temperature (6× per day) = temperature adjustment type: 6 temperature changes per day = temperature measurement: 0 °C to 40 °C, resolution 0.1 °C = temperature adjustment: from 5 °C up to 35 °C, after 0.5 °C = anti-frost protection = ON/OFF function = holiday mode = switching: 230 V AC or potential-free = switching load: 16 A resistive, 4 A inductive = power of transmitter: 5 V USB adapter (included) = power of receiver: 230 V AC = receiver's dimension: 37 × 86 × 86 mm = transmitter's dimension: 40 × 138 × 96 mm



P56211 1/-/-9
21 01 900 001 P56211

thermostat type: wired for underfloor heating = type of control: programmable electronic room thermostat, option to control via mobile phone (iOS, Android) = backlight display = control mode: heating system = number of programs: customisable temperature (6× per day) = temperature adjustment type: 6 temperature changes per day = temperature measurement: 0 °C to 95 °C, resolution 0.5 °C = temperature adjustment: from 1 °C up to 70 °C, after 0.5 °C = anti-frost protection = ON/OFF function = holiday mode = switching: voltage 230 V AC, 50 Hz = switching load: 16 A resistive = power source: 230 V AC = dimensions: 86 × 86 × 43 mm = part of the package: thermostat, floor sensor 3 m, Ø 8 mm



P56201UF 1/-/-36
21 01 900 002 P56201UF

thermo shut-off valve: SMART, programmable = number of programs: 1 customisable programme or customisable temperature (6× per day) = temperature adjustment type: 6 temperature changes per day = temperature measurement: 0 °C to 70 °C, resolution 0.5 °C = temperature adjustment: 1 °C to 70 °C, resolution 0.5 °C = anti-frost protection = holiday mode = open window function = child lock = matrix: M30 × 1.5 mm = enclosed adaptors: Danfoss RA, RAV, RAVL = power source: 2× 1.5 V AA (included) = dimensions: 55 × 94 × 55 mm = packaging: 1 pc, small box



P5630S 1/-/-24
21 01 900 003 P5630S

CO and smoke alarms

- life investment for families w/ gas boiler/cooker/fireplace
- CO detector identifies carbon monoxide (invisible, odorless)
- smoke detector alerts to potential fires in the household
- EMOS detectors with 7 or 10 year service life

type of installation: possible to mount on the wall or freestanding = type of signaling: optical and audible =
 detection type: detector CO = operating temperature: -10 °C to 40 °C = operating humidity: 30-95 % = lifetime:
 10 years = IP rating: IP30 = power source: 2x 1.5 V AA, included = packaging: 1 pc, small box



P56402 1/-/5/15
21 01 501 020 GS827

type of installation: possible to mount on the wall or freestanding = type of signaling: optical and audible =
 detection type: smoke detector = possibility to connect to other detectors: yes, wireless = module range: up to
 20 m = transmission frequency: 433 MHz = operating temperature: 10 °C to 45 °C = operating humidity: 30-95
 % = lifetime: 10 years = IP rating: IP20 = power source: 2x 1.5 V AA, included = packaging: 1 pc, small box



P56500 1/-/5/15
21 01 505 000 GS558

type of installation: possible to mount on the wall or freestanding = type of signaling: optical and audible =
 detection type: smoke detector = operating temperature: 0 °C to 40 °C = operating humidity: 5-95 % =
 lifetime: 10 years = power source: 1x 9 V, included = packaging: 1 pc, small box



P56501 1/-/5/40
21 04 101 000 GS536

type of installation: possible to mount on the wall or freestanding = type of signaling: optical and audible =
 detection type: gas detector = operating temperature: -10 °C to 40 °C = operating humidity: 0-95 % = lifetime:
 5 years = IP rating: IPX2D = power source: 230 V AC = packaging: 1 pc, small box



P56450 1/-/-/18
21 01 505 003 GS869







Installation material, tapes



Installation material



Terminal blocks

- terminal blocks with brass contacts
- conductor diameter: 12×4mm², 12×6mm², 12×10mm², 12×16mm²
- rated current: 32 A, 41 A, 57 A or 76 A


A4001	10/-/-/800	
31 46 000 250	KL 0	
		
product: terminal block = for conductor cross-section: 12× 1-4 mm ² = current: 32 A = = rated voltage: 450 V~ = packaging: 10 pcs, foil		

A4002	10/-/-/500	
31 46 000 400	KL 1	
		
product: terminal block = for conductor cross-section: 12× 1.5-6 mm ² = current: 41 A = = rated voltage: 450 V~ = packaging: 10 pcs, foil		


A4003	10/-/-/350	
31 46 000 600	KL 2	
		
product: terminal block = for conductor cross-section: 12× 2.5-10 mm ² = current: 57 A = = rated voltage: 450 V~ = packaging: 10 pcs, foil		

A4004	10/-/-/200	
31 46 001 600	KL 3	
		
product: terminal block = for conductor cross-section: 12× 2.5-16 mm ² = current: 76 A = = rated voltage: 450 V~ = packaging: 10 pcs, foil		

A4005 1/-/-/300
31 46 010 400 KL 0




8 592920 023099




product: terminal block = for conductor cross-section: 12× 1–4 mm² = current: 32 A =
= rated voltage: 450 V~ = packaging: 1 pc, packet

A4006 1/-/-/200
31 46 010 600 KL 1




8 592920 023105




product: terminal block = for conductor cross-section: 12× 1.5–6 mm² = current: 41 A
= rated voltage: 450 V~ = packaging: 1 pc, packet

A4007 1/-/-/150
31 46 011 000 KL 2




8 592920 023112




product: terminal block = for conductor cross-section: 12× 2.5–10 mm² = current: 57 A
= rated voltage: 450 V~ = packaging: 1 pc, packet

A4008 1/-/-/100
31 46 011 600 KL 3



8 592920 023129




product: terminal block = for conductor cross-section: 12× 2.5–16 mm² = current: 76 A
= rated voltage: 450 V~ = packaging: 1 pc, packet


Installation material others

- safety plug + key

A9000 1/-/-/12
31 99 900 000 4FF53902.431/S





8 595025 366245





product: 5× safety cap for sockets + key for the cap = type: 4FF53902.431/S = colour:
white = type of mounting: into a socket = version: cap for sockets + key for the cap =
packaging: 1 pc, hanging

Transformer solders, copper, rosin



- for DIY and professionals, made in Czech Republic
- suitable for so-called soft soldering, welding smaller parts
- with 125 W input power, 4 soldering tips, LED light
- rosin, soldering tip or tin (1.5 mm diameter) also available

A5102	1/-/-/6	
31 47 010 020	ETP 5	
		



product: transformer soldering iron - LED lighting = number of soldering tips: 4 = power: 125 W = packaging: 1 pc, blister

A5201	5/-/-/2 500	
31 47 020 010	HR5 CU	
		

product: soldering tip copper for soldering irons 1.3 mm diameter = number of soldering tips: 5 = packaging: 5 pcs, PVC packet

A5301	1/-/-/500	
31 47 030 010	KLF 16G	
		

product: rosin for soldering = packaging: 1 pc, PVC packet

A5401	1/-/-/500	
31 47 040 010	CN 1,5 10G	
		

product: tube lead-free solder filled with active rosin Sn99,3Cu0,7Nip, diameter 1,5mm, approx. 1 = packaging: 1 pc, PVC packet

Tapes

Electroinsulating PVC tapes

- width: 15–25 mm, length: 10–20 m, thickness: 0.13 mm
- white, red, black, brown, blue, green, yellow or mix
- meets ROHS and REACH (certification for automotive industry)
- adhesion 1.5 N/10 mm², dielectric strength 40 kV/mm²

- tape type: PVC
- width: 19 mm
- length: 10 m
- thickness: 0.13 mm
- electric strength - minimum: 40 kV/mm
- flame tests: less than 1 second
- recommended storage temperature: 10–45 °C
- installation temperature range: -25–90 °C
- ROHS compliant

- REACH compliant
- UV resistant
- adhesive material: rubber
- intended use: cable insulation
- dimensions: 60 × 20 mm
- packaging: 10 pcs, foil



F61912 10/-/-/300
20 01 191 020 19/10 CERNA

- tape type: PVC
- width: 25 mm
- length: 10 m
- thickness: 0.13 mm
- electric strength - minimum: 40 kV/mm
- flame tests: less than 1 second
- recommended storage temperature: 10–45 °C
- installation temperature range: -25–90 °C
- ROHS compliant

- REACH compliant
- UV resistant
- adhesive material: rubber
- intended use: cable insulation
- dimensions: 60 × 25 mm
- packaging: 10 pcs, foil



F62512 10/-/-/300
20 01 251 020 25/10 CERNA

- tape type: PVC
- width: 15 mm
- length: 10 m
- thickness: 0.13 mm
- electric strength - minimum: 40 kV/mm
- flame tests: less than 1 second
- recommended storage temperature: 10–45 °C
- installation temperature range: -25–90 °C
- ROHS compliant

- REACH compliant
- UV resistant
- adhesive material: rubber
- intended use: cable insulation
- dimensions: 60 × 15 mm
- packaging: 10 pcs, foil



F61511 10/-/-/360
20 01 151 010 15/10 BÍLÁ

- tape type: PVC
- width: 15 mm
- length: 10 m
- thickness: 0.13 mm
- electric strength - minimum: 40 kV/mm
- flame tests: less than 1 second
- recommended storage temperature: 10-45 °C
- installation temperature range: -25-90 °C
- ROHS compliant

- REACH compliant
- UV resistant
- adhesive material: rubber
- intended use: cable insulation
- dimensions: 60 × 15 mm
- packaging: 10 pcs, foil



F61512 10/-/-/360
20 01 151 020 15/10 CERNA



- tape type: PVC
- width: 15 mm
- length: 10 m
- thickness: 0.13 mm
- electric strength - minimum: 40 kV/mm
- flame tests: less than 1 second
- recommended storage temperature: 10-45 °C
- installation temperature range: -25-90 °C
- ROHS compliant

- REACH compliant
- UV resistant
- adhesive material: rubber
- intended use: cable insulation
- dimensions: 60 × 15 mm
- packaging: 10 pcs, foil



F61513 10/-/-/360
20 01 151 030 15/10 CERVENA



- tape type: PVC
- width: 15 mm
- length: 10 m
- thickness: 0.13 mm
- electric strength - minimum: 40 kV/mm
- flame tests: less than 1 second
- recommended storage temperature: 10-45 °C
- installation temperature range: -25-90 °C
- ROHS compliant

- REACH compliant
- UV resistant
- adhesive material: rubber
- intended use: cable insulation
- dimensions: 60 × 15 mm
- packaging: 10 pcs, foil



F61514 10/-/-/360
20 01 151 040 15/10 MODRA



- tape type: PVC
- width: 15 mm
- length: 10 m
- thickness: 0.13 mm
- electric strength - minimum: 40 kV/mm
- flame tests: less than 1 second
- recommended storage temperature: 10-45 °C
- installation temperature range: -25-90 °C
- ROHS compliant

- REACH compliant
- UV resistant
- adhesive material: rubber
- intended use: cable insulation
- dimensions: 60 × 15 mm
- packaging: 10 pcs, foil

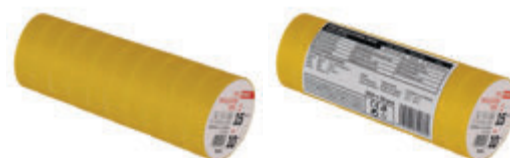


F61515 10/-/-/360
20 01 151 050 15/10 ZEL/ZLUTA



- tape type: PVC
- width: 15 mm
- length: 10 m
- thickness: 0.13 mm
- electric strength - minimum: 40 kV/mm
- flame tests: less than 1 second
- recommended storage temperature: 10-45 °C
- installation temperature range: -25-90 °C
- ROHS compliant

- REACH compliant
- UV resistant
- adhesive material: rubber
- intended use: cable insulation
- dimensions: 60 × 15 mm
- packaging: 10 pcs, foil



F61516 10/-/-/360
20 01 151 060 15/10 ZLUTA



- tape type: PVC
- width: 15 mm
- length: 10 m
- thickness: 0.13 mm
- electric strength - minimum: 40 kV/mm
- flame tests: less than 1 second
- recommended storage temperature: 10-45 °C
- installation temperature range: -25-90 °C
- ROHS compliant

- REACH compliant
- UV resistant
- adhesive material: rubber
- intended use: cable insulation
- dimensions: 60 × 15 mm
- packaging: 10 pcs, foil



F61517 10/-/-/360
20 01 151 070 15/10 HNEDA



- tape type: PVC
- width: 15 mm
- length: 10 m
- thickness: 0.13 mm
- electric strength - minimum: 40 kV/mm
- flame tests: less than 1 second
- recommended storage temperature: 10-45 °C
- installation temperature range: -25-90 °C
- ROHS compliant

- REACH compliant
- UV resistant
- adhesive material: rubber
- intended use: cable insulation
- dimensions: 60 × 15 mm
- packaging: 10 pcs, foil



F61519 10/-/-/360
20 01 151 090 15/10 GREEN



- tape type: PVC
- width: 15 mm
- length: 10 m
- thickness: 0.13 mm
- electric strength - minimum: 40 kV/mm
- flame tests: less than 1 second
- recommended storage temperature: 10-45 °C
- installation temperature range: -25-90 °C
- ROHS compliant

- REACH compliant
- UV resistant
- adhesive material: rubber
- intended use: cable insulation
- dimensions: 60 × 15 mm
- packaging: 10 pcs, foil



F615992 10/-/-/360
20 01 151 092 15/10 COLOR MIX



- tape type: PVC
- width: 19 mm
- length: 20 m
- thickness: 0.13 mm
- electric strength - minimum: 40 kV/mm
- flame tests: less than 1 second
- recommended storage temperature: 10-45 °C
- installation temperature range: -25-90 °C
- ROHS compliant

- REACH compliant
- UV resistant
- adhesive material: rubber
- intended use: cable insulation
- dimensions: 70 × 20 mm
- packaging: 10 pcs, foil



F61921 10/-/-/200
20 01 192 010 19/20 BILA



- tape type: PVC
- width: 19 mm
- length: 20 m
- thickness: 0.13 mm
- electric strength - minimum: 40 kV/mm
- flame tests: less than 1 second
- recommended storage temperature: 10-45 °C
- installation temperature range: -25-90 °C
- ROHS compliant

- REACH compliant
- UV resistant
- adhesive material: rubber
- intended use: cable insulation
- dimensions: 70 × 20 mm
- packaging: 10 pcs, foil



F61922 10/-/-/200
20 01 192 020 19/20 CERNA



- tape type: PVC
- width: 19 mm
- length: 20 m
- thickness: 0.13 mm
- electric strength - minimum: 40 kV/mm
- flame tests: less than 1 second
- recommended storage temperature: 10-45 °C
- installation temperature range: -25-90 °C
- ROHS compliant

- REACH compliant
- UV resistant
- adhesive material: rubber
- intended use: cable insulation
- dimensions: 70 × 20 mm
- packaging: 10 pcs, foil



F61923 10/-/-/200
20 01 192 030 19/20 CERVENA



- tape type: PVC
- width: 19 mm
- length: 20 m
- thickness: 0.13 mm
- electric strength - minimum: 40 kV/mm
- flame tests: less than 1 second
- recommended storage temperature: 10-45 °C
- installation temperature range: -25-90 °C
- ROHS compliant

- REACH compliant
- UV resistant
- adhesive material: rubber
- intended use: cable insulation
- dimensions: 70 × 20 mm
- packaging: 10 pcs, foil



F61924 10/-/-/200
20 01 192 040 19/20 MODRA



- tape type: PVC
- width: 19 mm
- length: 20 m
- thickness: 0.13 mm
- electric strength - minimum: 40 kV/mm
- flame tests: less than 1 second
- recommended storage temperature: 10-45 °C
- installation temperature range: -25-90 °C
- ROHS compliant

- REACH compliant
- UV resistant
- adhesive material: rubber
- intended use: cable insulation
- dimensions: 70 × 20 mm
- packaging: 10 pcs, foil



F61925 10/-/-/200
20 01 192 050 19/20 ZEL/ZLUTA



- tape type: PVC
- width: 19 mm
- length: 20 m
- thickness: 0.13 mm
- electric strength - minimum: 40 kV/mm
- flame tests: less than 1 second
- recommended storage temperature: 10-45 °C
- installation temperature range: -25-90 °C
- ROHS compliant

- REACH compliant
- UV resistant
- adhesive material: rubber
- intended use: cable insulation
- dimensions: 70 × 20 mm
- packaging: 10 pcs, foil



F61926 10/-/-/200
20 01 192 060 19/20 ZLUTA



- tape type: PVC
- width: 19 mm
- length: 20 m
- thickness: 0.13 mm
- electric strength - minimum: 40 kV/mm
- flame tests: less than 1 second
- recommended storage temperature: 10-45 °C
- installation temperature range: -25-90 °C
- ROHS compliant

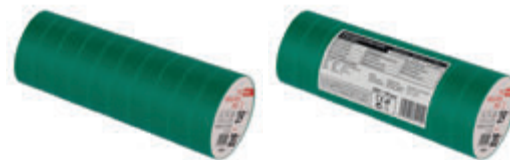
- REACH compliant
- UV resistant
- adhesive material: rubber
- intended use: cable insulation
- dimensions: 70 × 20 mm
- packaging: 10 pcs, foil



F61927 10/-/-/200
20 01 192 070 19/20 BROWN



- tape type: PVC
 - width: 19 mm
 - length: 20 m
 - thickness: 0.13 mm
 - electric strength - minimum: 40 kV/mm
 - flame tests: less than 1 second
 - recommended storage temperature: 10–45 °C
 - installation temperature range: -25–90 °C
 - ROHS compliant
- REACH compliant
 - UV resistant
 - adhesive material: rubber
 - intended use: cable insulation
 - dimensions: 70 × 200 mm
 - packaging: 10 pcs, foil



F61929 10/-/-200
20 01 192 090 19/20 ZELENA



- tape type: PVC
 - width: 19 mm
 - length: 20 m
 - thickness: 0.13 mm
 - electric strength - minimum: 40 kV/mm
 - flame tests: less than 1 second
 - recommended storage temperature: 10–45 °C
 - installation temperature range: -25–90 °C
 - ROHS compliant
- REACH compliant
 - UV resistant
 - adhesive material: rubber
 - intended use: cable insulation
 - dimensions: 70 × 200 mm
 - packaging: 10 pcs, foil



F61999 10/-/-200
20 01 192 099 19/20 MIX 10KS



Other tapes

- textile, marking and reflective tapes also available
- self-amalgamating tapes: material rubber or silicone
- universal DUCT TAPE: strong, high adhesion, water-tightness
- reflective tapes: increase biker, pedestrian and pram safety
- double-sided acrylic tapes: high adhesion and flexibility

tape type: asphalt textile tape ▪ width: 15 mm ▪ length: 15 m ▪ thickness: 0.4 mm ▪ electric strength - minimum: 1 kV/mm ▪ recommended storage temperature: -5 °C to +40 °C ▪ installation temperature range: 5–40 °C ▪ UV resistant ▪ adhesive material: asphalt ▪ integrated textile mesh ▪ dimensions: 80 × 17 mm ▪ packaging: 1 pc, PVC hanging



F6515 1/-/-60
20 02 151 520 15/15 CERNA



tape type: asphalt textile tape ▪ width: 19 mm ▪ length: 10 m ▪ thickness: 0.4 mm ▪ electric strength - minimum: 1 kV/mm ▪ recommended storage temperature: -5 °C to +40 °C ▪ installation temperature range: 5–40 °C ▪ UV resistant ▪ adhesive material: asphalt ▪ integrated textile mesh ▪ dimensions: 70 × 17 mm ▪ packaging: 1 pc, PVC hanging



F6910 1/-/-60
20 02 191 020 19/10 CERNA



tape type: self-amalgamating tape = width: 19 mm = length: 10 m = thickness: 0.76 mm = electric strength - minimum: 14 kV/mm = recommended storage temperature: -50 °C to +95 °C = installation temperature range: 5-95 °C = adhesive material: rubber = intended use: sealing, repairs = dimensions: 120 × 20 mm = packaging: 1 pc, paper box



F51912
20 03 191 020

1/-/5/30
19/10
SELFUSING

tape type: self-amalgamating tape = width: 25 mm = length: 5 m = thickness: 0.76 mm = electric strength - minimum: 14 kV/mm = recommended storage temperature: -50 °C to +95 °C = installation temperature range: 5-95 °C = adhesive material: rubber = intended use: sealing, repairs = dimensions: 95 × 28 mm = packaging: 1 pc, paper box



F52502
20 03 250 520

1/-/5/30
25/5 SELFUSING

tape type: silicone vulcanisation = width: 25 mm = length: 3 m = thickness: 0.60 mm = electric strength - minimum: 8 kV/mm = flame tests: less than 1 second = installation temperature range: -60-260 °C = UV resistant = creates pressure-tight joint = intended use: hobby, workshop, garden, repair in vehicle engine compartment, emergency repair of pipes, hoses = dimensions: 60 × 30 mm = packaging: 1 pc, blister



F52503
20 03 250 320

1/-/20/80
25/3 SILICONE

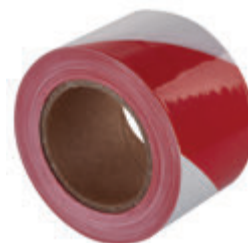
tape type: universal adhesive DUCT TAPE = width: 48 mm = length: 10 m = thickness: 0.21 mm = recommended storage temperature: -20 °C to +80 °C = installation temperature range: 5-80 °C = UV resistant = adhesive material: synthetic rubber = intended use: hobby, workshop, garden = integrated textile mesh: 70 fibers = dimensions: 105 × 48 mm = packaging: 10 pcs, display box



F6030
20 02 502 002

10/-/-/60
48/10 UNITAPE

tape type: LDPE (low-density polyethylene) warning tape = width: 75 mm = length: 250 m = thickness: 0.03 mm = recommended storage temperature: 5-30 °C = installation temperature range: 5-30 °C = UV resistant = intended use: border of excavations, demarcation of building spaces, sports tracks, various dangerous locations = dimensions: 140 × 75 mm = packaging: 1 pc, paper unwinding mechanism



F87525
20 04 752 500

1/-/-/18
75/250 BARRIER

tape type: acrylic double-sided tape = width: 12 mm = length: 3 m = thickness: 1.00 mm = recommended storage temperature: 5-40 °C = installation temperature range: 5-40 °C = UV resistant = adhesive material: acrylic = intended use: hobby, workshop, garden = dimensions: 88 × 12 mm = packaging: 1 pc, blister



F6060 1/-/10/60
20 06 000 000 12/3 ACRYL

tape type: acrylic double-sided tape = width: 18 mm = length: 3 m = thickness: 1.00 mm = recommended storage temperature: 5-40 °C = installation temperature range: 5-40 °C = UV resistant = adhesive material: acrylic = intended use: hobby, workshop, garden = dimensions: 88 × 18 mm = packaging: 1 pc, blister



F6080 1/-/10/60
20 06 000 010 18/3 ACRYL

tape type: reflexive safety tape = width: 25 mm = length: 2 m = thickness: 0.19 mm = recommended storage temperature: -20 °C to +80 °C = installation temperature range: -25-90 °C = UV resistant = adhesive material: rubber = intended use: hobby, cycling, safety element = dimensions: 53 × 53 × 25 mm = packaging: 12 pcs, display box



F6070 12/-/-/216
20 05 000 010 25/2 REFLEX TAPE



Order Code	Item Number	page	Order Code	Item Number	page	Order Code	Item Number	page	Order Code	Item Number	page	Order Code	Item Number	page	Order Code	Item Number	page
A1396	31 04 139 600	291	B1302	10 21 001 115	49	B19118	10 14 118 000	28	B9682	12 01 003 500	66	E0041	26 03 013 000	256	G1210	14 54 014 100	246
A1396.1	31 04 139 611	291	B13021	10 21 001 111	49	B19116	10 14 100 101	29	B9683	12 01 003 600	67	E0042	26 03 018 000	256	G1240	14 54 015 100	247
A1396.2	19 50 011 207	292	B1303	10 21 047 612	49	B1920	10 14 202 000	27	B9684	12 01 003 700	67	E0086	26 18 002 600	264	G3101	14 44 150 023	178
A1398	31 04 139 800	291	B1305	10 21 091 012	49	B1921	10 14 214 000	27	B9685	12 01 003 800	67	E0107	26 03 115 000	255	H1085	30 10 000 291	356
A1398.1	31 04 139 811	291	B1306	10 21 002 512	50	B19218	10 14 218 000	28	B9691	12 01 004 300	66	E0114	26 03 117 000	257	H1086	30 10 000 292	356
A1398.2	19 50 011 202	291	B1310	10 13 102 000	31	B19216	10 14 200 101	28	B9801	12 03 200 001	67	E0117N	26 06 003 000	254	H1141	30 10 001 151	356
A1398.3	19 50 011 203	291	B1310G	10 13 100 102	32	B1930	10 14 302 000	29	B9802	12 03 200 002	67	E0121	26 03 016 001	257	H2017	30 10 002 017	356
A1398.4	19 50 011 204	291	B1310L	10 13 100 210	32	B1931	10 14 312 000	29	B9803	12 03 200 003	68	E0127	26 03 121 000	256	H2050	30 10 002 050	355
A1399	19 50 011 201	291	B1310T2	10 13 200 126	35	B1940	10 14 402 000	29	B9804	12 03 200 004	68	E0129	26 03 119 002	256	H3010	30 10 003 010	354
A4001	31 46 000 250	382	B1311	10 13 114 000	32	B1941	10 14 412 000	29	B9805	12 03 200 005	68	E0202	26 05 004 000	261	H3015	30 10 003 015	354
A4002	31 46 000 400	382	B13118	10 13 118 000	32	B1950	10 14 501 000	30	B9806	12 03 200 006	68	E03070	26 93 000 180	258	H3016	30 10 003 016	355
A4003	31 46 000 600	382	B1311G	10 13 100 201	32	B1951	10 14 511 000	30	B9807	12 03 200 007	68	E0316	26 06 173 000	254	H3017	30 10 003 017	355
A4004	31 46 001 600	382	B1320	10 13 202 000	30	B2111	10 32 122 100	58	B9808	12 03 200 008	68	E0352	26 06 166 000	254	H3018	30 10 003 018	355
A4005	31 46 010 400	383	B1320G	10 13 200 102	30	B21114	10 32 124 100	58	B9831	12 03 200 031	68	E0387	26 06 176 000	255	H3019	30 10 003 019	355
A4006	31 46 010 600	383	B1320L	10 13 200 210	31	B2111V	10 32 126 100	58	B9832	12 03 200 032	68	E0389	26 06 177 000	255	H4010	30 10 040 100	357
A4007	31 46 011 000	383	B1320T2	10 13 200 125	34	B2116	10 32 122 060	58	B9833	12 03 200 033	68	E0422	26 03 016 002	257	H4010	30 10 040 100	357
A4008	31 46 011 600	383	B1320T5	10 13 004 032	35	B2121	10 32 222 210	57	B9834	12 03 200 034	68	E05018	26 93 000 120	258	H4011	30 10 040 110	15
A5102	31 47 010 020	384	B1321	10 13 214 000	31	B2121V	10 32 226 210	57	B9835	12 03 200 035	69	E06016	26 93 000 230	259	H4011	30 10 040 110	15
A5201	31 47 020 010	384	B13218	10 13 218 000	31	B2123	10 32 222 130	57	B9836	12 03 200 036	69	E06018	26 93 000 220	258	H4030	30 10 040 300	357
A5301	31 47 030 010	384	B13216	10 13 200 201	31	B2125	10 32 222 250	57	B9837	12 03 200 037	69	E08400	26 93 000 160	258	H4030	30 10 040 300	357
A5401	31 47 040 010	384	B1325	10 14 062 511	52	B2125A	10 32 224 270	57	B9838	12 03 200 038	69	E2157	26 03 016 000	262	H4031	30 10 040 310	16
A6000.1	19 06 010 501	293	B1330	10 13 302 000	33	B2127	10 32 222 270	56	B9841	12 03 200 041	69	E3003	26 06 153 000	253	H4031	30 10 040 310	16
A6000.3	19 06 010 507	293	B13304	10 13 304 000	33	B2127A	10 32 224 270	56	B9842	12 03 200 042	69	E3070	26 06 139 000	254	H4032	30 10 040 320	157
A6000.5	19 06 010 512	293	B1331	10 13 312 000	33	B2127V	10 32 226 270	56	B9843	12 03 200 043	69	E5059	26 06 171 000	252	H4032	30 10 040 320	358
A6002.0	19 06 010 504	293	B1340	10 13 400 000	33	B2133	10 32 322 300	58	B9844	12 03 200 044	69	E5080	26 06 169 000	253	H4051	30 24 040 510	13
A6002.2	19 06 010 510	293	B13404	10 13 404 000	33	B2145	10 32 422 570	59	B9845	12 03 200 045	69	E5111	26 06 170 000	253	H4051	30 24 040 510	13
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A6003.1	19 06 300 109	293	B1350	10 13 501 000	34	B2218	10 33 122 080	55	B9847	12 03 200 047	70	E6018	26 06 162 000	253	H4052	30 24 040 520	359
A6004.0	19 06 300 102	293	B13504	10 13 504 000	34	B2218A	10 33 124 080	55	B9848	12 03 200 048	70	E8466	26 06 150 000	253	H4053	30 24 040 530	14
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A6004.2	19 06 300 100	293	B1376	10 14 007 615	50	B2220	10 33 222 200	55	B9852	12 03 200 052	70	E8636	26 03 019 003	257	H4054	30 24 040 540	14
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A6004.4	19 06 300 105	293	B13861	10 14 018 611	51	B2220V	10 33 226 200	55	B9854	12 03 200 054	70	E8670	26 06 174 000	255	H4055	30 24 040 550	14
A6004.5	19 06 300 108	294	B1389	10 14 018 910	51	B2420	10 33 224 201	54	B9855	12 03 200 055	70	EV012	26 17 001 200	260	H4055	30 24 040 550	360
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A6004.9	19 06 300 111	295	B13951	10 14 020 911	50	B3364F1	10 43 036 431	52	B9901	12 03 200 101	71	EV020	26 17 002 000	261	H5001	30 69 050 010	368
A6100.0	19 06 200 100	292	B1501	10 22 000 111	41	B3377F1	10 43 037 721	52	B9902	12 03 200 102	71	EV022	26 17 002 200	260	H5011	30 69 050 110	20
A6100.1	19 06 200 101	292	B1502	10 22 000 211	41	B3389F1	10 43 038 921	53	B9903	12 03 200 103	71	EV023	26 17 002 300	260	H5011	30 69 050 110	368
A6100.2	19 06 200 102	292	B1505	10 22 000 511	41	B3392F1	10 43 039 221	53	B9904	12 03 200 104	71	EV025	26 17 002 500	259	H5012	30 69 050 120	21
A6100.3	19 06 200 103	292	B1506	10 22 000 611	41	B3510	10 44 001 016	53	B9905	12 03 200 105	71	EV026	26 17 000 500	260	H5012	30 69 050 120	368
A6100.4	19 06 200 104	292	B1509	10 22 000 911	40	B3512	10 44 003 216	54	B9906	12 03 200 106	71	EV027	26 17 000 600	261	H5013	30 69 050 130	21
A6100.5	19 06 200 105	293	B15101	10 42 102 511	42	B3513	10 44 001 316	53	B9907	12 03 200 107	71	EV028	26 17 000 800	261	H5013	30 69 050 130	368
A6100.6	19 06 200 106	293	B15112	10 42 200 412	40	B3575	10 44 067 516	54	B9908	12 03 200 108	71	EV104	26 17 010 400	262	H5014	30 69 050 140	21
A6100.7	19 06 200 107	293	B1516	10 42 201 615	44	B51211	16 04 821 111	77	B9931	12 03 200 131	71	EV105	26 17 010 500	263	H5014	30 69 050 140	369
A6100.8	19 06 200 108	294	B15161	10 42 201 611	44	B51214	16 04 821 110	77	B9932	12 03 200 132	71	EV106	26 17 010 600	262	H5015	30 69 050 150	21
A6100.9	19 06 200 109	294	B15163	10 42 201 612	44	B51414	16 04 841 110	76	B9933	12 03 200 133	72	EV110	26 17 010 901	262	H5015	30 69 050 150	369
A6110	31 05 213 050	296	B1520	10 42 122 015	43	B51418	16 04 841 111	76	B9934	12 03 200 134	72	F51912	20 03 191 020	390	H5016	30 69 050 160	21
A6111	31 05 213 051	296	B15201	10 42 122 011	42	B51819	16 04 881 100	76	B9935	12 03 200 135	72	F52502	20 03 250 520	390	H5016	30 69 050 160	369
A6114	31 05 213 054	296	B15212	10 42 122 011	40	B52427U	16 04 842 110	76	B9936	12 03 200 136	72	F52503	20 03 250 320	390	H7006	30 70 000 006	358
A6115	31 05 213 055	296	B15221	10 42 122 511	43	B53450	16 04 845 110	75	B9937	12 03 200 137	72	F6030	20 02 502 002	390	H7009	30 70 000 009	358
A6210	31 06 213 240	295	B15231	10 42 235 411	46	B53455	16 04 845 111	75	B9940	12 03 200 140	72	F6060	20 06 000 000	391	H8011	30 80 000 011	358
A6211	31 06 213 241	296	B1525	10 42 202 515	45	B53457	16 04 845 112	75	B9941	12 03 200 141	72	F6070	20 05 000 010	391	H8013	30 80 000 013	358
A6212	31 06 213 242	295	B15251	10 42 202 511	44	B54467D	16 04 846 110	75	B9942	12 03 200 142	72	F6080	20 06 000 010	391	J0102	25 04 500 110	350
A6213	31 06 213 243	296	B15253	10 42 202 512	45	B55630	16 04 863 100	76	B9943	12 03 200 143	72	F61511	20 01 151 010	385	J0103	25 04 600 110	350
A6310	31 06 213 150	296	B1530	10 42 243 015													



Order Code	Item Number	page	Order Code	Item Number	page	Order Code	Item Number	page	Order Code	Item Number	page	Order Code	Item Number	page	Order Code	Item Number	page
J0701	27 02 031 000	340	M0503	22 06 000 030	375	P09225M	19 28 042 501	283	P3540	14 41 212 901	97	P5705	34 02 005 000	362	S03430	24 25 430 230	298
J0702	27 02 032 000	340	M2092	22 02 003 000	371	P09240	19 28 044 000	284	P3541	14 41 292 150	95	P5712	34 02 012 000	363	S03450	24 25 450 230	298
J0703	27 02 033 000	340	M3252	22 02 018 000	370	P09240M	19 28 044 001	284	P3819	14 40 033 100	105	P5723	34 02 107 000	363	S08272	24 02 720 132	300
J0704	27 02 034 000	340	M3620	22 02 017 000	371	P09250	19 28 045 000	284	P3848A	14 40 093 109	109	P5723T	34 02 108 000	366	S08273	24 02 730 132	300
J0705	27 02 035 000	341	M3691	22 02 016 000	371	P092501	19 28 045 003	283	P3861	14 40 032 202	94	P5727	34 02 025 000	362	S09272	24 02 720 232	300
J0707	27 02 037 000	341	N0322	22 03 003 000	374	P1320	19 23 130 000	277	P3862	14 40 032 400	94	P5727T	34 02 112 000	366	S09273	24 02 730 232	300
J0708	27 02 038 000	341	N1014	16 06 025 000	84	P1321	19 22 130 150	272	P3887	14 40 812 900	109	P5728	34 02 043 000	363	S10000	23 33 101 070	328
J0709	27 02 039 000	341	N1015	16 08 000 001	84	P1321R	19 22 130 156	270	P3888	14 40 813 100	100	P5728T	34 02 113 000	366	S10100	23 33 101 011	327
J0801	27 04 310 000	342	N3110	17 03 060 021	84	P1322	19 22 130 200	272	P3889	14 40 833 100	108	P5729	34 02 044 000	363	S10101	23 33 101 016	328
J0802	27 04 320 000	343	N3111	17 03 100 021	83	P1322RU	19 22 130 201	271	P3894	14 40 813 110	92	P5729B	34 02 121 000	364	S10102	23 33 101 013	327
J0803	27 04 330 000	343	N3112	17 03 150 021	83	P1323R	19 22 130 308	270	P3897	14 40 813 130	108	P5729T	34 02 114 000	366	S10103	23 33 101 014	328
J0804	27 04 340 000	344	N3113	17 03 225 021	83	P1325R	19 22 130 508	270	P3920	14 46 002 000	103	P5730	34 02 115 000	363	S10110	23 33 101 015	328
J0906	27 04 560 000	344	N9221	16 03 026 000	77	P1420	19 23 140 000	277	P3921	14 46 002 100	104	P5731	34 02 116 000	364	S10300	23 33 101 031	328
J0907	27 04 570 000	345	N9321	16 03 027 000	77	P14201	19 22 341 000	268	P3922	14 46 002 200	104	P5732	34 02 117 000	364	S10310	23 33 101 032	328
J50988	25 20 900 088	347	N9331	16 03 028 000	78	P1421R	19 22 140 152	270	P3923	14 46 002 300	103	P5732T	34 02 117 001	367	S10500	23 33 101 051	328
J50989	25 20 900 089	347	N9341	16 03 029 000	78	P1422	19 22 140 200	273	P4006	14 47 003 100	94	P5733G	34 02 124 000	365	S10510	23 33 101 052	328
J5709	25 08 000 810	351	N9361	16 03 030 000	78	P1422ST	19 22 940 200	22	P4008	14 47 013 200	93	P5733S	34 02 123 000	364	S11000	23 33 101 100	328
J5710	25 08 000 900	351	P0003C	19 04 030 000	285	P1422ST	19 22 940 200	273	P4103	14 48 000 030	111	P5733W	34 02 122 000	364	S1111	24 00 517 252	300
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15 27 001 200	Z01010	154	15 38 090 200	Z7523B	242	15 39 087 120	ZM5133	201	15 42 033 320	ZS3332	180	15 50 001 011	DCCV12	251	18 04 300 200	R5060.2	312
15 27 001 200	Z01010	154	15 38 150 100	Z7598	242	15 39 087 121	ZM5233	200	15 42 033 420	ZS3342	180	15 50 001 012	DCCV13	251	18 07 100 300	K7311	310
15 27 101 400	Z05203	154	15 38 150 200	Z7599W	241	15 39 087 122	ZM5333	200	15 43 081 000	ZALL	182	15 50 001 013	DCLV01	250	18 07 100 400	K7321	311
15 28 001 400	Z0501A	154	15 38 150 201	Z7599W	241	15 39 087 123	ZM6133	201	15 43 121 000	ZALT	183	15 50 001 014	DCLV02	250	18 07 100 500	K7331	311
15 28 021 800	Z0301	153	15 38 155 000	Z7595	241	15 39 087 124	ZM6233	202	15 43 151 000	ZALX	183	15 50 001 022	DCCV15	251	18 07 100 700	K7351	311
15 28 022 800	Z0302	153	15 38 154 000	Z7602W	241	15 39 087 125	ZM6333	202	15 43 191 000	ZAL192	183	15 50 001 023	DCPV01	249	18 07 100 800	K7321.2	312
15 28 024 200	Z0303	154	15 38 155 000	Z7602B	241	15 39 087 126	ZM6433	209	15 43 381 000	ZAL382	183	15 50 001 024	DCCV21	251	18 07 100 801	K7331.2	312
15 31 105 001	ZS1050A	166	15 38 156 000	Z7602P	240	15 39 087 211	ZM5243	200	15 43 999 000	ZAL3AP	183	15 50 001 029	DCPV22	251	18 07 100 802	K7351.2	313
15 31 105 001	ZS1050B	167	15 38 157 000	Z7602BL	240	15 39 087 212	ZM5343	201	15 43 999 001	ZALAR	184	15 50 004 000	DCPM01	249	18 07 100 803	R5850.2	313
15 31 105 002	ZS1050N	167	15 38 162 000	Z7605	244	15 39 087 213	ZM6143	201	15 43 999 002	ZALAS	184	15 50 005 000	DCP201	249	18 07 100 804	R5852	313
15 31 110 000	ZS1100A	167	15 38 163 000	Z7606	244	15 39 087 214	ZM6243	202	15 44 100 000	ZR9036	187	15 50 005 001	DCP202	249	18 07 200 100	R5639	311
15 31 110 001	ZS1100B	167	15 38 168 000	Z7609G	243	15 39 087 215	ZM6343	203	15 44 100 000	ZR9036	193	15 50 005 016	DCPW04	250	18 07 200 300	R5553	311
15 31 110 002	ZS1100N	167	15 38 169 000	Z7609W	243	15 39 087 280	ZM5153	200	15 44 101 801	ZM5171	195	15 50 005 019	DCPW07	250	18		



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19 06 100 050	P0039	286	19 22 150 154	P1521R	270	20 01 192 050	F6192S	388	23 05 120 005	S5385	321	23 33 130 152	S31510	329	24 25 150 220	S03150	298
19 06 100 060	P0050	286	19 22 150 200	P1522	273	20 01 192 060	F6192E	388	23 05 120 010	S5373	322	23 33 130 250	S30200	329	24 25 230 220	S03230	298
19 06 100 090	P0066	286	19 22 150 304	P1523RU	271	20 01 192 070	F6192T	388	23 05 120 020	S5374	322	23 33 130 251	S30210	329	24 25 250 220	S03250	298
19 06 110 200	P0034	286	19 22 150 308	P1523R	271	20 01 192 090	F61929	389	23 05 120 030	S5375	323	23 33 130 350	S30300	329	24 25 430 230	S03430	298
19 06 110 300	P0038	286	19 22 150 508	P1525R	271	20 01 192 099	F61999	389	23 05 120 040	S5376	323	23 33 130 351	S30310	330	24 25 450 230	S03450	298
19 06 200 100	A6100.0	292	19 22 160 152	P1621R	271	20 01 251 020	F62512	385	23 05 130 000	S5381	321	23 33 130 750	S30700	330	24 35 724 032	S00003	298
19 06 200 101	A6100.1	292	19 22 160 200	P1622	273	20 02 151 520	F6515	389	23 05 130 010	S5381E	321	23 33 130 751	S30710	330	25 01 000 100	J0200	348
19 06 200 102	A6100.2	292	19 22 160 302	P1623R	271	20 02 191 020	F6910	389	23 05 135 000	S5382	322	23 33 131 030	S83103	324	25 01 000 200	J0203	348
19 06 200 103	A6100.3	292	19 22 160 502	P1625R	271	20 02 502 002	F6030	390	23 05 135 010	S5383	322	23 33 131 070	S83107	324	25 01 000 300	J0240	347
19 06 200 104	A6100.4	292	19 22 330 150	PC1321	273	20 03 191 020	F51912	390	23 05 500 000	S5252	321	23 33 131 100	S83110	325	25 01 000 330	J0240E	348
19 06 200 105	A6100.5	293	19 22 330 152	PC1321R	271	20 03 250 320	F52503	390	23 05 500 002	S5253	322	23 33 131 150	S83115	325	25 01 000 400	J0260	348
19 06 200 106	A6100.6	294	19 22 340 151	PC1421R	271	20 03 250 520	F52502	390	23 08 201 510	S8131	314	23 33 141 020	S84102	326	25 01 100 100	J0220J	348
19 06 200 107	A6100.7	293	19 22 340 301	PC1423R	271	20 04 752 500	F87525	390	23 08 201 550	S8130	316	23 33 142 010	S84201	326	25 01 100 300	J0222	349
19 06 200 108	A6100.8	294	19 22 340 501	P14251	268	20 05 000 010	F6070	391	23 08 203 510	S8231	315	23 33 170 010	S70203	330	25 03 000 100	J0197	349
19 06 200 109	A6100.9	294	19 22 340 502	PC1425R	272	20 06 000 000	F6060	391	23 08 203 550	S8230	316	23 33 170 021	S70200	330	25 03 000 400	J0198	349
19 06 300 100	A6004.2	293	19 22 341 000	P14201	268	20 06 000 010	F6080	391	23 08 205 010	S8251	315	23 33 170 022	S70201	330	25 04 200 100	J0199	350
19 06 300 101	A6004.1	293	19 22 350 151	PC1521R	272	21 01 103 000	P5681	378	23 08 205 050	S8250	316	23 33 170 023	S70202	330	25 04 500 110	J0102	350
19 06 300 102	A6004.0	293	19 22 360 150	PC1621R	272	21 01 104 000	P5682	378	23 08 207 500	S8307	313	23 33 178 010	S87801	326	25 04 600 110	J0103	350
19 06 300 103	A6003.0	292	19 22 570 150	PS1721	273	21 01 106 000	P5604	377	23 08 207 510	S8271	315	23 34 130 100	SD3010	326	25 04 700 110	J0104	350
19 06 300 104	A6004.3	293	19 22 940 200	P1422ST	22	21 01 106 010	P5603R	377	23 08 207 550	S8270	316	23 34 131 030	SD3103	326	25 06 000 800	J0400	352
19 06 300 105	A6004.4	293	19 22 940 200	P1422ST	273	21 01 107 010	P5614	378	23 08 210 010	S8310	314	23 34 131 150	SD3115	326	25 07 100 600	J5802	351
19 06 300 106	A6004.7	294	19 23 030 000	P0320	277	21 01 107 000	P5683	378	23 08 210 010	S8281	315	23 35 050 010	SM5001	335	25 07 100 700	J5803	351
19 06 300 107	A6004.6	294	19 23 040 000	P0420	277	21 01 108 000	P5684	379	23 08 210 050	S8280	316	23 35 050 020	SM5102	335	25 08 000 810	J5709	351
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19 06 300 109	A6003.1	294	19 23 130 000	P1320	277	21 01 110 000	P5686	379	23 08 215 010	S8291	315	23 35 050 050	SM5105	336	25 08 100 100	J5711	352
19 06 300 110	A6004.8	294	19 23 140 000	P1420	277	21 01 208 000	P5606OT	377	23 08 215 050	S8290	317	23 35 070 410	SM7004W	332	25 08 100 200	J5712	352
19 06 300 111	A6004.9	295	19 23 150 000	P1520	277	21 01 209 000	P5607	377	23 08 225 000	S8324	314	23 35 070 420	SM7004B	332	25 12 000 100	J0401	309
19 09 040 202	P54212	278	19 25 030 020	P00242	287	21 01 210 000	P5611UF	378	23 08 305 050	S8253	317	23 35 070 500	SM7005BL	332	25 20 236 400	J6014	346
19 09 040 203	P54222	278	19 25 030 030	P00252	287	21 01 306 000	P5623	376	23 08 307 550	S8273	317	23 35 070 610	SM7006W	331	25 20 236 500	J6015	347
19 09 480 301	P54252	278	19 25 030 040	P00262	287	21 01 307 000	P5616OT	377	23 08 310 050	S8283	317	23 35 070 620	SM7006B	331	25 20 900 088	J50988	347
19 10 000 800	P0055N	288	19 25 030 050	P00272	287	21 01 308 000	P5611OTR	377	23 08 315 050	S8293	317	23 35 070 630	SM7006G	331	25 20 900 089	J50989	347
19 10 000 900	P0056N	288	19 25 030 060	P00282	287	21 01 309 000	P5611OT	376	23 08 325 000	S8405	314	23 35 070 640	SM7006P	331	25 21 000 030	J60030	353
19 14 071 100	PM0902	279	19 25 030 090	P00292	287	21 01 501 020	P56402	381	23 09 010 010	S9121	303	23 35 070 650	SM7006Y	332	25 21 000 110	J60110	353
19 14 071 200	PM0904	279	19 26 010 100	P0047	286	21 01 505 000	P56500	381	23 09 010 020	S9122	304	23 35 071 310	SM7013W	335	25 21 000 120	J60120	353
19 14 071 250	PM0905	279	19 26 010 200	P0049	286	21 01 505 003	P56450	381	23 09 010 030	S9123	305	23 35 072 100	SM7021BL	334	25 21 000 130	J60130	353
19 14 081 102	PM1102	279	19 27 010 010	P5522	289	21 01 900 000	P56201	381	23 09 010 040	S9124	305	23 35 072 200	SM7022BL	334	25 21 000 140	J60140	353
19 14 081 103	PM1103	279	19 27 010 020	P5523	289	21 01 900 000	P56201	381	23 09 010 050	S9125	305	23 35 072 310	SM7023	335	25 21 000 170	J60170	353
19 14 081 104	PM1104	279	19 27 010 023	P5523N	289	21 01 900 001	P56211	381	23 09 010 060	S9126	305	23 35 072 410	SM7024W	334	26 03 013 000	E0041	256
19 14 081 105	PM1105	280	19 27 110 012	P5521N	288	21 01 900 001	P56211	381	23 09 010 070	S9127	305	23 35 072 500	SM7025W	332	26 03 014 000	E8471	256
19 21 010 202	P0122	276	19 27 110 020	P5525	290	21 01 900 002	P56201UF	381	23 09 010 080	S9128	304	23 35 072 501	SM7025BL	333	26 03 015 000	E2157	262
19 21 010 302	P0123R	276	19 27 110 031	P5526	289	21 01 900 002	P56201UF	380	23 09 010 090	S9129	304	23 35 072 502	SM7025B	333	26 03 016 001	E0121	257
19 21 010 303	P0125R	275	19 27 110 033	P5526N	289	21 01 900 003	P5630S	380	23 09 010 100	S9130	306	23 35 072 503	SM7025E	333	26 03 016 002	E0422	257
19 21 010 304	P0180S	274	19 28 042 500	P09225	284	21 01 900 003	P5630S	380	23 09 010 120	S9134	303	23 35 072 504	SM7025P	333	26 03 115 000	E0107	255
19 21 010 701	P0127R	275	19 28 042 501	P09225M	283	21 04 101 000	P56501	381	23 09 020 010	S9131	306	23 35 073 110	SM7031BL	337	26 03 117 000	E0114	256
19 21 011 002	P0120R	275	19 28 042 504	P092251	283	21 06 000 200	P5660SH	379	23 09 020 020	S9132	306	23 35 076 010	SM7053	336	26 03 118 000	E0042	256
19 21 011 003	P01810R	274	19 28 042 507	P19427	283	22 01 001 000	M0018	374	23 09 110 010	S9221	304	23 35 076 011	SM7026	333	26 03 119 002	E0129	256
19 21 011 502	P01215R	276	19 28 044 000	P09240	284	22 01 002 000	M0048	374	23 09 110 020	S9222	304	23 35 076 012	SM7054	336	26 03 119 003	E8636	257
19 21 012 001	P01220R	276	19 28 044 001	P09240M	284	22 01 012 000	M0014A	373	23 09 120 010	S9230	306	23 35 076 013	SM7027W	334	26 03 121 000	E0127	256
19 21 012 500	P01225R	274	19 28 045 000	P09250	284	22 01 013 000	M0071	373	23 09 130 010	S9310	307	23 35 076 014	SM7015W	334	26 05 004 000	E0202	261
19 21 012 502	P01825R	274	19 28 045 003	P092501	283	22 01 014 000	M0012A	373	23 09 130 020	S9320	307	23 35 076 020	SM7009BL	336	26 06 003 000	E0117N	254
19 21 013 001	P01230R	276	19 28 141 000	P19510	285	22 01 015 000	M0003B	374	23 15 094 010	S9401	337	23 35 076 021	SM7008BL	336	26 06 139 000	E3070	254
19 21 021 000	P0701	275	19 28 141 500	P19515	285	22 02 003 000	M2092	371	23 15 094 020	S9402	337	24 00 517 252	S1111	300	26 06 150 000	E8466	253
19 21 021 500	P0702	275	19 28 142 000	P09220	284	22 02 007 000	M0391	371	23 15 094 030	S9403	337	24 01 520 132	S12252	299	26 06 153 000	E3003	253
19 21 022 000	P0703	275	19 28 242 500	P08225	282	22 02 008 000	M0420	370	23 15 094 040	S9404	338	24 01 720 132	S15272	299	26 06 162 000	E6018	



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27 02 012 000	J0659	342	31 04 139 800	A1398	291
27 02 016 000	J0664	343	31 04 139 811	A1398.1	291
27 02 020 000	J0673	342	31 05 213 050	A6110	296
27 02 025 000	J0682	341	31 05 213 051	A6111	296
27 02 026 000	J0686	339	31 05 213 054	A6114	296
27 02 027 000	J0687	339	31 05 213 055	A6115	296
27 02 028 000	J0688	340	31 06 213 150	A6310	296
27 02 029 000	J0685	343	31 06 213 151	A6311	296
27 02 031 000	J0701	340	31 06 213 152	A6312	296
27 02 032 000	J0702	340	31 06 213 153	A6313	296
27 02 033 000	J0703	340	31 06 213 240	A6210	295
27 02 034 000	J0704	340	31 06 213 241	A6211	296
27 02 035 000	J0705	341	31 06 213 242	A6212	295
27 02 037 000	J0707	341	31 06 213 243	A6213	296
27 02 038 000	J0708	341	31 32 510 900	C5109	153
27 02 039 000	J0709	341	31 46 000 250	A4001	382
27 03 001 000	J5818	345	31 46 000 400	A4002	382
27 03 105 000	J0665	346	31 46 000 600	A4003	382
27 03 106 000	J0666	346	31 46 001 600	A4004	382
27 04 020 100	J0667	344	31 46 010 400	A4005	383
27 04 020 400	J0681	344	31 46 010 600	A4006	383
27 04 020 500	J0683	343	31 46 011 000	A4007	383
27 04 030 000	J0680	345	31 46 011 600	A4008	383
27 04 039 000	J0690	345	31 47 010 020	A5102	384
27 04 280 010	J0669	345	31 47 020 010	A5201	384
27 04 310 000	J0801	342	31 47 030 010	A5301	384
27 04 320 000	J0802	343	31 47 040 010	A5401	384
27 04 330 000	J0803	343	31 99 900 000	A9000	383
27 04 340 000	J0804	344	32 32 212 300	KT2123	265
27 04 560 000	J0906	344	32 32 224 400	KT2244	265
27 04 570 000	J0907	345	32 32 226 500	KT2265	264
28 04 000 013	C0024	358	32 32 312 300	KT3123	266
28 04 000 014	C0025	358	32 32 322 300	KT3223	265
30 10 000 291	H1085	356	32 32 336 400	KT3364	265
30 10 000 292	H1086	356	32 32 356 400	KT3564	265
30 10 001 151	H1141	356	34 01 000 010	P57001	367
30 10 002 017	H2017	356	34 01 000 020	P57002	367
30 10 002 050	H2050	355	34 02 005 000	P5705	362
30 10 003 010	H3010	354	34 02 012 000	P5712	363
30 10 003 015	H3015	354	34 02 025 000	P5727	362
30 10 003 016	H3016	355	34 02 043 000	P5728	363
30 10 003 017	H3017	355	34 02 044 000	P5729	363
30 10 003 018	H3018	355	34 02 060 000	P5760	362
30 10 003 019	H3019	355	34 02 060 001	P5763	362
30 10 040 100	H4010	15	34 02 060 002	P5760T	366
30 10 040 100	H4010	357	34 02 063 000	P5763R	362
30 10 040 110	H4011	15	34 02 107 000	P5723	363
30 10 040 110	H4011	357	34 02 108 000	P5723T	366
30 10 040 300	H4030	15	34 02 112 000	P5727T	366
30 10 040 300	H4030	357	34 02 113 000	P5728T	366
30 10 040 310	H4031	16	34 02 114 000	P5729T	366
30 10 040 310	H4031	357	34 02 115 000	P5730	363
30 10 040 320	H4032	16	34 02 116 000	P5731	364
30 10 040 320	H4032	358	34 02 117 000	P5732	364
30 24 040 510	H4051	13	34 02 117 001	P5732T	367
30 24 040 510	H4051	359	34 02 118 000	P5750	361
30 24 040 520	H4052	13	34 02 118 001	P5750T	365
30 24 040 520	H4052	359	34 02 119 000	P5750.2T	361
30 24 040 530	H4053	14	34 02 120 000	P5750.2R	361
30 24 040 530	H4053	359	34 02 121 000	P5729B	364
30 24 040 540	H4054	14	34 02 122 000	P5733W	364
30 24 040 540	H4054	360	34 02 123 000	P5733S	364
30 24 040 550	H4055	14	34 02 124 000	P5733G	365
30 24 040 550	H4055	360	34 02 125 000	P5734	365
30 24 040 560	H4056	14	34 02 126 000	P5734B	365
30 24 040 560	H4056	360	34 02 126 001	P5734T	367
30 69 050 010	H5001	22			
30 69 050 010	H5001	368			
30 69 050 110	H5011	20			
30 69 050 110	H5011	368			
30 69 050 120	H5012	21			
30 69 050 120	H5012	368			
30 69 050 130	H5013	21			
30 69 050 130	H5013	368			
30 69 050 140	H5014	21			
30 69 050 140	H5014	369			
30 69 050 150	H5015	21			
30 69 050 150	H5015	369			
30 69 050 160	H5016	21			
30 69 050 160	H5016	369			
30 70 000 006	H7006	358			
30 70 000 009	H7009	358			
30 80 000 011	H8011	358			
30 80 000 013	H8013	358			
31 04 139 600	A1396	291			



Button and special batteries

EZÜST-OXID					Diameter [mm]	Thickness [mm]	ALKÁLI				
GP order code	Type	Reference	SR**	SR***			GP order code	AG**	101 - 199	LR**	LR***
-	317	SR516SW, SR62, SR516, SB-AR, 280-58, V317, D317, GP317, 616, 317, SR516W, 317X, 317A	SR62	SR516	5,8	1,6	-	-	-	-	-
-	321	SR616SW, SR65, SR616, SB-AF/DF, 280-73, DA, V321, D321, GP321, 611, 321, SR618, 321A, 321X, SB-AF, E321	SR65	SR616	6,8	1,6	-	-	-	-	-
B3357F1	357	SR44W, SR44, SR1154, SB-B9, 280-62, V357, D357, 228, S1145E, GP357, AG13, 357, 303, CA18, SG13, EPX76, 10L14, A357, 357X, 357A, D357H, MS76, V76XP, S76E, 357/303, MS76, AG357, SR1154PW, EXP76, E357, E357/303EN, 1128MP, 1166A, AG13, D76A, G13A, GPA7, GPA76, LR44, LR1154, L1154, PX675A, PX76A, RPX675, S76, V13GA, RW82, KA, A76, 208-904, SB-F9, G13-A, CA18, CA19, LR44, GP76A, L1154H, A-76, AG14, AG-14, KA76, MS76H, CR44, LR44H, L1154G, LR44G, GPS76A, L1154C, L1154F, GPA75, GDA76, A613, LR44GD	SR44	SR1154	11,6	5,4	B13762 B1376 B7970 (RAVER)	AG13	A76	LR44	LR1154
-	362	SR721SW, SR58, SR721, SB-AK/DK, 280-29, S, V362, D362, 601, S721E, GP362, AG11, AG-11, 362, SG11, 362A, SR720, 362X, 362/361, RW310, L721, LR721, SB-AK, E362	SR58	SR721	7,9	2,1	-	AG11	162	LR58	LR721
B3364F1	364	SR621SW, SR60, SR621, SB-AG/DG, 280-34, T, V364, D364, 602, S621E, GP364, AG1, AG-1, 364, L621, LR621, SG1, LR60, LR620, SW621, GP164, 364X, 364A, AG1/364A, SB-AG, E364	SR60	SR621	6,8	2,1	-	AG1	164	LR60	LR621
-	371	SR920SW, SR69, SR921, SB-AN, 280-31, V371, D371, 605, S921E, GP371, AG6, AG-6, 371, CX921, SR290SW, 371, SR69, SG6, LR921, LR920SW, L921, 371A, 371X, 370	SR69	SR921	9,5	2,1	-	AG6	171	LR69	LR921
B3377F1	377	SR626SW, SR66, SR626, SB-AW, 280-39, BA, V377, D377, 606, S626E, GP377, AG4, AG-4, 377, L626, SG4, LR626, LR66, SR628SW, E377, E377CA, LR626SW, 377A, SR262SW, 377X, 377S, GP177, SR626SW, 377/376, E377A, SR66SW, SR625SW, 377BA, CR626SW, AG4/377, AG04	SR66	SR626	6,8	2,6	-	AG4	177	LR66	LR626
-	379	SR521SW, SR63, SR521, SB-AC/DC, 280-59, JA, V379, D379, 618, GP379, S521E, 379, LR521, AG0, 379A, 379X, AG0, AG-0, 521A, UC379, SR418SW, SB-AC, 379LD, E379	SR63	SR521	5,8	2,1	-	AG0	179	LR63	LR521
-	386	SR43W, SR43, SR1142, SB-B8, 280-41, H, V386, D386, 260, S1142E, GP386, AG12, AG-12, 386, 301, SG12, LR42, 386A, 386X, CR43, LR1144, RW44, SR1142PW, 386B, BSR43H, SR43H, E386, 186, 1176A, 186-1, G12A, GP86A, L1142, LR1142, LR43, RW84, V12GA, GP186, L1142F, 10L124, G12-A	SR43	SR1142	11,6	4,2	B13861 B1386	AG12	186	LR43	LR1142
B3389F1	389	SR1130W, SR54, SR1130, SB-BU, 280-15, M, V389, D389, 626, S1131E, GP389, AG10, AG-10, 389, 390, 189, L1131, G10, V10GA, LR1130, GP189, LR54, SG10, A389, L1131, L1131C, L1131D, RW89, LR1130S, LR1131, L1131/D, LR1130H, 389A, 389E, 389X, L1133, SR1131, L1131, L1131F, L1131F, L1131H, LR1130X, L-1131, SR1130PW, L1130, LH1130, E389	SR54	SR1130	11,6	3,1	B13892 B1389	AG10	189	LR54	LR1130
B3392F1	392	SR41W, SR736, SB-B1, 280-13, K, V392, D392, 247D, S736E, AG3, AG-3, GP392, LR736, 392, 192, L736, G3, V3GA, LR41, SG3, ASG3, G3A, V36A, 92A, GP192, 392X, 384, SR41, TR41SW, SR41SW, 247B, SP392, S736S, 392A, 392X, L736H, L736S, SR736PW, RW47, RW47S, GP392-A1, SR41, E392, LR41H, AG03	SR41	SR736	7,9	3,6	B13921 B13925	AG3	192	LR41	LR736
-	394	SR936SW, SR936, SB-A4, 280-17, V394, D394, 625, 394, GP394, AG9, AG-9, 394, SG9, LR36, LR936, SR45, RW33, 394A, 394X, SR936SW, E394		SR936	9,5	3,6	-	AG9	194	LR45	LR936
-	395	SR926SW, SR57, SR927, SB-AP/DP, 280-48, LA, V395, D395, 610, 395, GP395, S926E, 395, SG7, L926, SW927, 927, 395A, 395X, SB-AP, E395, 399	SR57	SR927	9,5	2,6	-	AG7	195	LR57	-
-	396	SR726W, SR59, SR726, SB-BL, 280-52, V, V396, D396, 612, GP396, S726E, 396/397, SG2, 396A, 396X, SR726PW, E396	SR59	SR726	7,9	2,6	-	AG2	106	LR59	-
-	-	V23GA, MN21, A23	-	-	10,22	28,5	B1300 B13001	-	-	-	-
-	-	A27, MN24, A90	-	-	8	28,5	B1301 B13011	-	-	-	-
-	-	MN11	-	-	10,22	16,5	B1302 B13021	-	-	-	-
-	-	29A, A29, 32A, A32, L822	-	-	8,0	21,9	B13951	-	-	-	-
-	-	4001, AM5, E90, KN, LADY, LR1, MN9100, MN9100/N, N, UM-5, UM5, LR01, KN-2, 810, 910A, LR1-N, LR1/E90	-	-	12	30,2	B1305	-	-	LR1	-
-	-	LR9, CA16, V625U, EPX625G, PX625A, GP625A, A625, L1560, 625A, MR9P, KA625, R625, E625G, V625U, MR09, EPX625, RPX625, KX615, HD1560, 1124MP, E625N, HG-625R, V13PX, EPX13, V625PX, HD625, PN625, RM625, 4625, H1560, M01, M20, 8930	-	-	15,6	5,95	B1325	-	-	LR9	-
-	-	GP25A, AAAA, MN2500, LR8, D425, E96	-	-	8,3	42,5	B1306	-	-	LR8	-
-	-	PX28A, A544, 28PXA, 4LR44, 476A, 4G13, GP476, K28, V28, PX28AB, L1325, 1414A, V4034PX, PX28L, K28L, L544, L544BP, V28PXL, 2CR1/3N, 2CR1-3N, CR28L, 1406LC, 2CR11108	-	-	13	25,2	B1303	-	-	4LR44	-



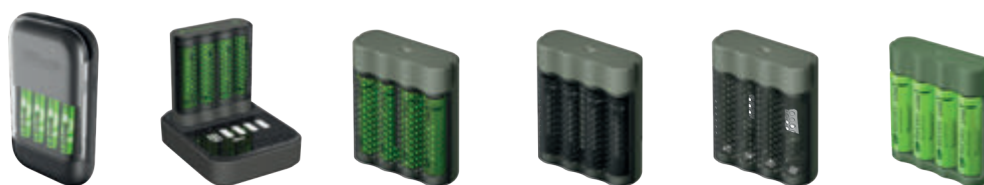
Lead-acid accumulators – 5-year optimal service life	Order code	B9641	B9651	B9659	B9682	B9652	B9672	B9653	B9679	B9691
	Parameters	6 V/4 Ah	6 V/1.3 Ah	6 V/7 Ah	6 V/12 Ah	12 V/1.3 Ah	12 V/2.2 Ah	12 V/4.5 Ah	12 V/5 Ah	12 V/7.0 Ah
	Terminal	4.7 mm	4.7 mm	4.7 mm	4.7 mm	4.7 mm	4.7 mm	4.7 mm	6.3 mm	4.7 mm
Use	Rechargeable flashlights	yes	yes	-	-	-	-	-	-	-
	Electronic security systems	-	yes	yes	yes	yes	yes	yes	yes	yes
	Electronic fire alarm systems	-	yes	yes	yes	yes	-	yes	yes	yes
	UPS	-	-	yes	yes	-	-	yes	yes	yes
	Children's toys	yes	-	yes	yes	-	-	-	-	yes
	Emergency lighting	yes	-	-	-	-	-	-	-	yes
	Garden equipment	-	-	-	-	-	-	-	yes	-
	Elevators – power for emergency calls and lighting	-	-	-	-	yes	-	yes	yes	yes
	Echo sounders, sonars, power for el. boat motors	-	-	-	-	-	-	-	yes	yes
	Traction – electric bikes, scooters	-	-	-	-	-	-	-	-	-
	Jablotron control panels	JA82Y	-	-	-	-	-	yes	-	-
JA100K(R)		-	-	-	-	-	yes	-	-	-
JA83		-	-	-	-	-	-	-	-	yes
JA106K		-	-	-	-	-	-	-	-	yes
PARADOX	90 % use	-	-	-	-	-	-	-	-	yes
	10 % use	-	-	-	-	-	-	-	-	-



Lead-acid accumulators – 5-year optimal service life	Order code	B9654	B9674	B9675	B9656V	B9656	B9655	B9683	B9684	B9685
	Parameters	12 V/7.2 Ah	12 V/7.2 Ah	12 V/9 Ah	12 V/15 Ah	12 V/12 Ah	12 V/18 Ah	12 V/26 Ah	12 V/40 Ah	12 V/65 Ah
	Terminal	4.7 mm	6.3 mm	6.3 mm	6.3 mm	6.3 mm	12 × 12 × 2 mm	14 × 12 × 2 mm	M6	M8
Use	Rechargeable flashlights	-	-	-	-	-	-	-	-	-
	Electronic security systems	yes	yes	-	-	yes	yes	-	-	-
	Electronic fire alarm systems	yes	-	-	-	yes	yes	-	-	-
	UPS	yes	yes	yes	-	yes	yes	yes	yes	yes
	Children's toys	yes	yes	yes	yes	-	-	-	-	-
	Emergency lighting	yes	-	-	-	-	yes	yes	yes	yes
	Garden equipment	-	yes	yes	-	-	yes	-	-	-
	Elevators – power for emergency calls and lighting	yes	-	-	-	yes	yes	-	-	-
	Echo sounders, sonars, power for el. boat motors	yes	yes	yes	yes	yes	yes	yes	yes	yes
	Traction – electric bikes, scooters	-	-	-	yes	-	-	-	-	-
	Jablotron control panels	JA82Y	-	-	-	-	-	-	-	-
JA100K(R)		yes	-	-	-	-	-	-	-	-
JA83		yes	-	-	-	-	yes	-	-	-
JA106K		yes	-	-	-	-	yes	-	-	-
PARADOX	90 % use	yes	-	-	-	-	-	-	-	-
	10 % use	-	-	-	-	-	yes	-	-	-



Battery chargers



Order code	B56499	B54467D	B53457	B53455	B53450	B52427U
Model number	S491	P461	M451	M451	M451	B421
Series	Charge 10	Pro	Speed	Speed	Speed	Everyday
Charger connection	separated AC cord	USB	USB	USB	USB	USB
Power supply	100-240 V AC	5 V/2 A	5 V/1 A	5 V/1 A	5 V/1 A	5 V/1 A
Size of the charged cells	AAA, AA	AAA, AA	AAA, AA	AAA, AA	AAA, AA	AAA, AA
Special features	Eco mode	capacity check, docking station	-	-	-	-
Number of cells inside the package	4	4	4	4	-	4
Type of cells inside the package	AA ReCyko Charge 10	AA ReCyko 2 700	AA ReCyko 2 700	AA ReCyko Pro	-	AA ReCyko 2 700
Charging time of the enclosed celled	0:10	1:30 - 3:30	2:45 - 5:30	2:00 - 4:00	-	7:30
Number of charging channels	4	4	4	4	4	2
Number of batteries charged	1 to 4	1 to 4	1 to 4	1 to 4	1 to 4	2 and 4
Charging current for AA	10 000 mA	1 800-900 mA	1 100-550 mA	1 100-550 mA	1 100-550 mA	400 mA
Charging current for AAA	1 500 mA	760-380 mA	730-370 mA	730-370 mA	730-370 mA	320 mA
Charging current for C	-	-	-	-	-	-
Charging current for D	-	-	-	-	-	-
Charging current for 9 V	-	-	-	-	-	-
Charging time AA 2 700 mAh	0:30	1:30 - 3:30	2:45 - 5:30	2:45 - 5:30	2:45 - 5:30	7:30
Charging time AAA 1 000 mAh	0:45	1:30 - 3:15	1:30 - 3:30	1:30 - 3:30	1:30 - 3:30	3:30



Order code	B55630	B51819	B51414	B51214	B51211
Model number	B631	BE811	E411	E211	E211
Series	Everyday	Economy	Economy	Economy	Economy
Charger connection	USB	USB	USB	USB	USB
Power supply	5 V/2 A	5 V/1 A	5 V/1 A	5 V/1 A	5 V/1 A
Size of the charged cells	AAA, AA, C, D, 9 V	AAA, AA	AAA, AA	AAA, AA	AAA, AA
Special features	-	-	-	-	-
Number of cells inside the package	-	8	4	2	2
Type of cells inside the package	-	AA ReCyko 2 100, AAA ReCyko 850	AA ReCyko 2 100	AA ReCyko 2 100	AAA ReCyko 800
Charging time of the enclosed celled	-	4:00 - 8:00	8:00	8:00	3:00
Number of charging channels	4	4	2	1	1
Number of batteries charged	2 and 4	2, 4, 6 and 8	2 and 4	2	2
Charging current for AA	370 mA	250 mA	300 mA	300 mA	300 mA
Charging current for AAA	290 mA	250 mA	300 mA	300 mA	300 mA
Charging current for C	550 mA	-	-	-	-
Charging current for D	550 mA	-	-	-	-
Charging current for 9 V	40-20 mA	-	-	-	-
Charging time AA 2 700 mAh	8:00	12:00	10:00	10:00	10:00
Charging time AAA 1 000 mAh	4:00	5:00	4:00	4:00	4:00



	N9221	N9341	N9331	N9321	N9361
Order code	BCL-20D	BCN-42D	BCN-41D	BCN-40	BCN-60U
Type	Li-ion, LiFePo4, NiMH	NiMH	NiMH	NiMH	NiMH
Type of rechargeable cells	Li-ion, LiFePo4, NiMH	NiMH	NiMH	NiMH	NiMH
Power supply	5 V/2 A	5 V/1 A	5 V/1 A	5 V/1 A	5 V/2 A
Size of the charged cells	10440 – 26650, AAA, AA, C, SC	AAA, AA	AAA, AA	AAA, AA	AAA, AA, C, D, 9 V
Special features	capacity measurement, recovery modes, lithium battery charging	capacity measurement, recovery modes	-	-	-
LCD display	yes	yes	yes	-	-
Type of cells inside the package	-	4× AA NiMH 2 700	4× AA NiMH 2 700	-	-
Charging time of the individual celles	-	3:00	4:00	-	-
Number of charging channels	2	4	4	4	7
Number of batteries charged	1 and 2	1 to 4	1 to 4	1 to 4	1 to 6
Charging current for AA	1 000 mA	1 000–250 mA	1 000–500 mA	300 mA	500 mA
Charging current for AAA	1 000 mA	1 000–250 mA	1 000–500 mA	300 mA	500 mA
Charging current for C	1 000 mA	-	-	-	500 mA
Charging current for D	-	-	-	-	500 mA
Charging current for 9 V	-	-	-	-	30 mA
Charging time AA 2 700 mAh	3:00	3:00 – 12:00	3:00 – 4:00	10:00	6:30
Charging time AAA 1 000 mAh	1:15	1:15 – 5:00	1:15 – 2:00	4:00	2:30



Headlamps



Order code	P8569	P8555	P8567	P8566	P8572	P8571
Type	PHR19	CHR35	PHR17	PHR16	CHR41	CH46
Usage	OUTDOOR	OUTDOOR	SPORT	SPORT	OUTDOOR/SPORT	OUTDOOR/SPORT
Source of light	2× Osram SMD LED	CREE SMD LED	3× CREE SMD LED	2× CREE SMD LED	CREE SMD LED	CREE SMD LED
Max. light output	1 200 lm	600 lm	500 lm	300 lm	300 lm	300 lm
Max. beam distance	110 m	130 m	85 m	50 m	157 m	157 m
Number of lighting modes	11	5	10	9	4	4
Lighting modes	Turbo; Spot: 5 %; 20 %; 60 %; 100 %, Flood: 2.5 %; 10 %; 60 %; 100 %; SOS, Red LED light	Turbo, 100 %, 20 %, 5 %, red LED flashing	Turbo, 2.5 %, 30 %, 100 %, SOS, Red LED light, Flood, red: 50 %, 100 %, flashing	Turbo, 3 %, 25 %, 100 %, SOS, Red LED light, red: 50 %, 100 %, flashing	AUTO, 100 %, 50 %, 2 % flicker	100 %, 50 %, 2 %, flicker
Max. luminous time	100 h	60 h	100 h	45 h	69 h	69 h
Rechargeable	yes	yes	yes	yes	yes	-
Power supply	Li-ion (2 550 mAh) / 2× CR123A	Li-ion (2 600 mAh)	Li-Po (1 600 mAh)	Li-Po (800 mAh)	3× AAA (HR03)	3× AAA
Waterproof	IPX8	IPX4	IPX6	IPX6	IPX6	IPX6
Special features	button lock mode	button lock mode	button lock mode	button lock mode	button lock mode, automatic dimming	touchless dimming
Dimensions	91,5 × 39 × 51 mm	106 × 27 × 27 mm	56 × 38 × 39 mm	56 × 38 × 34 mm	34 × 46 × 56 mm	34 × 46 × 56 mm
Weight	90/151 g	153 g	59,5 g	44 g	110 g	110 g



Order code	P8574	P8573	P8584	P8583	P8582	P8551P P8551B
Type	CHW54	CHW53	CH44	CH43	CH42	CH31
Usage	WORK	WORK	OUTDOOR	OUTDOOR/SPORT	MULTIUSE	MULTIUSE
Source of light	2× CREE SMD LED	2× CREE SMD LED	2× SMD LED	2× SMD LED + LED	2× SMD LED	4× LED
Max. light output	375 lm	280 lm	300 lm	150 lm	110 lm	40 lm
Max. beam distance	110 m	90 m	60 m	45 m	40 m	8 m
Number of lighting modes	4	6	6	5	4	3
Lighting modes	Turbo; 100 %, 30 %, 17 %	Turbo; 100 %, 40 %, 25 %, red LED light, flashing	100 %, 60 %, 25 %, 12 %, red LED light, flashing	100 %, 45 %, 25 %, red LED light, flashing	100 %, 65 %, 40 %, flicker	100 %, 30 %, flicker
Max. luminous time	26 h	25 h	36 h	36 h	15 h	6 h
Rechargeable	-	-	-	-	-	-
Power supply	3× AAA	3× AAA	3× AAA	3× AAA	3× AAA	2× CR2025
Waterproof	IPX5	IPX5	IPX4	IPX4	IP43	-
Special features	touchless dimming	-	touchless light swithing	-	-	-
Dimensions	66 × 49 × 37 mm	66 × 49 × 37 mm	61 × 47 × 37 mm	61 × 47 × 37 mm	59 × 46 × 34 mm	37 × 36 × 20 mm
Weight	62 g/98 g	95 g	42 g/78 g	42 g/78 g	29 g/65 g	31 g



Order code	P3537	P3532	P3528	P3536	P3541
Source of light	COB LED	COB LED (white, red)	COB LED	LED + COB LED (green, red)	COB LED + LED
Maximal light output	110 lm	125 lm	150 lm	220 lm	380 lm
Maximal beam distance	15 m	20 m	20 m	100 m	30 m
Number of lighting modes	3	3	3	7	4
Lighting modes	COB LED 100 %, COB LED 50 %, blinking	COB LED 100 %, COB LED 50 %, COB LED - red blinking	COB LED 100 %, COB LED 50 %, SOS	COB LED + LED 100 %, LED 100 %, LED 50 %, blinking, COB LED - white, COB LED - red, COB LED - green	COB LED 100 %, COB LED 50 %, LED 100 %, LED 50 %
Runtime	20-40 hrs	9-19 hrs	8-27 hrs	45-160 hrs	3-12 hrs
Waterproof	-	IP44	-	IP43	IP43
Rechargeable	-	-	-	-	yes
Power supply	3× AAA	3× AAA	3× AAA	3× AAA	Li-pol (1 200 mAh)
Special features	-	battery protection	-	quick switch ON/OFF	hand-operated switching, quick switch ON/OFF, battery protection
Dimensions	60 × 18 × 40 mm	69 × 43 × 46 mm	60 × 40 × 40 mm	65 × 45 × 50 mm	300 × 3.2 × 20 mm
Weight	21 g/56 g	54 g/89 g	53 g/88 g	65 g/100 g	73 g



Order code	P3521	P3539	P3531	P3534	P3535
Source of light	LED + 2× red LED	CREE LED + 2× red LED	CREE LED + COB LED (green, red) + red LED (rear light)	CREE LED	CREE LED + 4× SMD
Maximal light output	85 lm	330 lm	330 lm	230 lm	110 lm
Maximal beam distance	65 m	200 m	65 m	80 m	55 m
Number of lighting modes	4	5	7	4	3
Lighting modes	LED 100 %, LED 50 %, red LED flashing, red LED blinking	CREE LED 100 %, CREE LED 50 %, SOS, red LED flashing, red LED blinking	COB LED + CREE LED 100 %, CREE LED 100 %, CREE LED 50 %, CREE LED - blinking, COB LED - white, COB LED - green, COB LED - red	CREE LED 100 %, CREE LED 50 %, CREE LED 20 %, SOS	CREE LED 100 %, CREE LED 50 %, 4× SMD LED
Runtime	50-120 hrs	50-87 hrs	18-72 hrs	3-13 hrs	3-7 hrs
Waterproof	IP43	IP43	IP44	-	-
Rechargeable	-	-	-	yes	yes
Power supply	3× AAA	3× AAA	3× AAA + 1× CR2032	Li-pol (1 200 mAh)	Li-pol (850 mAh)
Special features	quick switch ON/OFF	quick switch ON/OFF, focus	quick switch ON/OFF	hand-operated switching, quick switch ON/OFF, battery protection	quick switch ON/OFF, battery protection
Dimensions	58 × 38 × 44 mm	60 × 48 × 43 mm	65 × 32 × 39 mm	61 × 37 × 31 mm	47 × 31 × 54 mm
Weight	54 g/89 g	70 g/105 g	80 g/115 g	60 g	64 g



Order code	P4536	P4533	P4534	P4539	P4532	P4525	P4518
Type	RECHARGEABLE						
Source of light	2× COB LED	COB LED	COB LED	COB LED	COB LED + LED	COB LED + 5× LED	COB LED + LED
Maximal light output	2 000 lm	1 000 lm	600 lm	1 000 lm	470 lm	500 lm	380 lm
Maximal beam distance	70 m	45 m	35 m	40 m	45 m	30 m	27 m
Number of lighting modes	5	3	2	3	3	3	3
Lighting modes	2× COB LED 100 %, 2× COB LED 50 %, 1× COB LED 100 %, 1× COB LED 50 %, 1× COB LED 25 %	COB LED 100 %, COB LED 50 %, COB LED 20 %	COB LED 100 %, COB LED 50 %	COB LED 100 %, COB LED 50 %, COB LED 25 %	COB LED 100 %, COB LED 50 %, LED	COB LED 50 %, COB LED 100 %, 5× LED	COB LED 50 %, COB LED 100 %, LED 100 %
Runtime	3.5–14.5 hrs	3.5–15.5 hrs	2.5–3.5 hrs	3–17 hrs	2.5–8 hrs	2–26 hrs	3.5–24 hrs
Focus	–	–	–	–	–	–	–
Shock-resistance	yes	yes	yes	yes	yes	yes	yes
Waterproof	–	yes (IP44)	yes (IP44)	yes (IP44)	–	yes (IP43)	yes (IP43)
Rechargeable	yes	yes	yes	yes	yes	yes	yes
Power supply	Li-Ion accumulator	Li-Ion accumulator	Li-Ion accumulator	Li-Ion	Li-Ion accumulator	Li-Ion accumulator	Li-Ion accumulator
Battery type	8 000 mAh/3.7 V	4 400 mAh/3.7 V	3 000 mAh/3.7 V	2 200 mAh/3.7 V	1 800 mAh/3.7 V	2 000 mAh/3.7 V	2 500 mAh/3.7 V
Batteries included	yes	yes	yes	yes	yes	yes	yes
Charging time	7 hrs	7.5 hrs	3.5 hrs	3 hrs	3.5 hrs	3 hrs	4 hrs
Power connector type	USB-C	micro USB-B	micro USB-B	USB-C	5.5 × 2.1/10 mm	3.0 × 1.0/12 mm	3.0 × 1.0/12 mm
Led indication of the charging process	yes	yes	yes	yes	yes	yes	yes
Led indication of the accumulator state	yes	yes	yes	–	–	–	–
Special features	quick switch ON/OFF, battery protection	quick switch ON/OFF, battery protection	battery protection, powerbank function	powerbank function, quick switch ON/OFF, battery protection	quick switch ON/OFF, battery protection	quick switch ON/OFF, battery protection	quick switch ON/OFF, battery protection
Facilities	swivel handle, 4× magnet	swivel handle	swivel handle	magnet, stand, clip	swivel handle, clip, 1× hook, 2× magnet	swivel handle, 1× hook, 3× magnet	swivel handle, 1× hook, 2× magnet
Accessories	USB cable	USB cable	USB cable	USB cable	charging adapter	charging adapter + car adapter	charging adapter, car adapter
Material	ABS plastic + rubber	ABS plastic + rubber	Nylon + TPR	ABS plastic	ABS plastic + rubber	ABS plastic + rubber	ABS plastic
Dimensions	214 × 140 (280) × 56 mm	172 × 45 × 126 mm	172 × 45 × 126 mm	104 × 39 × 94 mm	52 × 41 × 242 mm	76 × 66 × 317 mm	56 × 50 × 240 mm



Order code	P4535	P4538	P4537	P4531	P4113	P4112	P4110	P3888
Type	RECHARGEABLE				BATTERY			
Source of light	2× COB LED + LED	SMD LED + LED	COB LED + SMD LED	COB LED + LED	COB LED	2× COB LED + LED	LED + COB LED	COB LED
Maximal light output	670 lm	700 lm	330 lm	400 lm	700 lm	350 lm	360 lm	180 lm
Maximal beam distance	40 m	45 m	45 m	40 m	35 m	110 m	25 m	45 m
Number of lighting modes	3	3	3	3	3	2	3	2
Lighting modes	1× COB LED 100 %, 2× COB LED 100 %, LED 100 %	SMD LED BOOST, SMD LED 100 %, LED 100 %	COB LED 100 %, COB LED 33 %, SMD LED 100 %	COB LED 100 %, COB LED 50 %, LED 100 %	COB LED 35 %, COB LED 60 %, COB 100 %	2× COB LED 100 %, LED 100 %	COB LED 100 %, COB LED 50 %, LED	COB LED 100 %, COB LED 50 %
Runtime	2–10 hrs	3–6 hrs	3–7 hrs	3–8.5 hrs	8–14 hrs	10–20 hrs	8 hrs	16–24 hrs
Focus	–	–	–	–	–	–	–	–
Shock-resistance	–	–	yes	yes	yes	–	yes	yes
Waterproof	–	–	yes (IP43)	yes (IP43)	yes (IP43)	–	–	–
Rechargeable	yes	yes	yes	yes	–	–	–	–
Power supply	Li-Ion accumulator	Li-Ion	Li-Ion	Li-Ion accumulator	4× AA	3× AA	4× AA	3× AAA
Battery type	2 200 mAh/3.7 V	1 200 mAh/3.7 V	1 200 mAh/3.7 V	2 000 mAh/3.7 V	LR6 (1,5 V)	LR6 (1,5 V)	LR6 (1,5 V)	LR03 (1.5 V)
Batteries included	yes	yes	yes	yes	–	–	–	–
Charging time	3 hrs	2 hrs	2–4 hrs	3 hrs	–	–	–	–
Power connector type	USB-C	USB-C	micro USB-B	micro USB-B	–	–	–	–
Led indication of the charging process	yes	yes	yes	yes	–	–	–	–
Led indication of the accumulator state	yes	yes	yes	yes	–	–	–	–
Special features	powerbank function, quick switch ON/OFF, battery protection	battery protection function, light BOOST function	quick switch ON/OFF, battery protection	quick switch ON/OFF, battery protection	quick switch ON/OFF	–	quick switch ON/OFF	–
Facilities	1× hook, 4× magnet	2× magnet	swivel handle, 1× clip, 1× magnet, 1× hook	swivel handle, clip, 1× hook, 1× magnet	swivel handle	swivel handle	break-over handle, 1× hook, 1× magnet	break-over handle, 1× hook, 2× magnet
Accessories	USB cable	USB cable	USB cable	USB cable	–	–	–	–
Material	ABS + TPR + rubber	ABS plastic + rubber	ABS plastic + rubber	plastic + rubber	plastic	plastic	ABS plastic + rubber	ABS plastic
Dimensions	35 × 33 × 257 mm	37 × 14 × 240 mm	41 × 29 × 154 mm	52 × 32 × 165 mm	145 × 105 × 35 mm	135 × 100 × 40 mm	56 × 31 × 153 mm	59 × 30 × 133 mm



	ZS2812	ZS2822	ZS2832
Order code	ZS2812	ZS2822	ZS2832
Series	ACCO		
Source of light	LED	LED	LED
Power	10 W	20 W	30 W
Light output	1 000 lm	2 000 lm	3 000 lm
Luminous efficiency	100 lm/W	100 lm/W	100 lm/W
Colour temperature	6 500 K	6 500 K	6 500 K
Light colour	cool white	cool white	cool white
IP rating	IP54	IP54	IP54
Colour rendering index (CRI)	Ra > 80	Ra > 80	Ra > 80
Power supply	accumulator	accumulator	accumulator
Battery	Li-Ion 4 400 mAh	Li-Ion 6 600 mAh	Li-Ion 10 000 mAh
AKU lighting time	3 – 10 hours	3 – 10 hours	3 – 10 hours
Voltage	5 V DC 220–240 V AC	5 V DC 220–240 V AC	5 V DC 220–240 V AC
Dimming	yes	yes	yes
Lifetime	25 000 hours	25 000 hours	25 000 hours
Working temperature range	-20 °C to +40 °C	-20 °C to +40 °C	-20 °C to +40 °C
Beam angle	120°	120°	120°
Dimensions	212 × 177 × 224 mm	266 × 220 × 273 mm	292 × 219 × 273 mm
Body material	aluminum	aluminum	aluminum
Material of the diffuser	glass	glass	glass
Mechanical impact protection	-	-	-



	ZS3322	ZS3332	ZS3342	ZS2221.2	ZS2231.2
Order code	ZS3322	ZS3332	ZS3342	ZS2221.2	ZS2231.2
Series	ILIO			HOBBY SLIM	
Source of light	LED	LED	LED	LED	LED
Power	21 W	31 W	51 W	2× 20,5 W	2× 30 W
Light output	1 900 lm	2 800 lm	4 600 lm	2× 1 600 lm	2× 2 400 lm
Luminous efficiency	90 lm/W	90 lm/W	90 lm/W	80 lm/W	80 lm/W
Colour temperature	4 000 K	4 000 K	4 000 K	4 000 K	4 000 K
Light colour	neutral white	neutral white	neutral white	neutral white	neutral white
IP rating	IP44	IP44	IP44	IP65	IP65
Colour rendering index (CRI)	Ra > 80	Ra > 80	Ra > 80	Ra > 80	Ra > 80
Power supply	mains powered	mains powered	mains powered	mains powered	mains powered
Battery	-	-	-	-	-
AKU lighting time	-	-	-	-	-
Voltage	220–240 V~	220–240 V~	220–240 V~	220–240 V~	220–240 V~
Dimming	-	-	-	-	-
Lifetime	25 000 hours	25 000 hours	25 000 hours	25 000 hours	25 000 hours
Working temperature range	-20 °C to +40 °C	-20 °C to +40 °C	-20 °C to +40 °C	-20 °C to +40 °C	-20 °C to +40 °C
Beam angle	110°	110°	110°	120°	120°
Dimensions	215 × 185 × 250 mm	240 × 185 × 275 mm	270 × 185 × 275 mm	860 × 860 × 1 850 mm	860 × 860 × 1 850 mm
Body material	aluminum	aluminum	aluminum	aluminum	aluminum
Material of the diffuser	plastic (PC)	plastic (PC)	plastic (PC)	glass	glass
Mechanical impact protection	IK10	IK10	IK10	IK08	IK08



Order code	H4010	H3010	H2017	H2050
Series	GoSmart	ADVANCED	BASIC	
Type	IP-700A	EM-10AHD	EM-07HD	EM-03M 2WIRE
LCD size	7"	7"	7"	7"
LCD resolution	Full HD 1080p	1080p	720p	480p
Button design	without buttons, touchscreen	touchscreen	mechanical	mechanical
Number of conductors	4	4	4	2
Power supply	12 V DC	12 V DC	12 V DC	15 V DC
Memory	yes	yes	-	-
Network features	yes	-	-	-
Lock / gate control	yes/yes	yes/yes	yes/yes	yes/yes
Number of inputs	2× camera unit, 2× CCTV	2× camera unit, 2× CCTV	2× camera unit, 2× CCTV	1× camera unit
Monitor dimensions	175 × 118 × 25 mm	175 × 125 × 20 mm	233 × 23 × 160 mm	152 × 215 × 18 mm
Camera unit dimensions	142 × 44 × 21 mm	135 × 50 × 25 mm	64 × 46 × 145 mm	141 × 63 × 40 mm
View angle	120/160°	120/160°	80°	80°
Type of illumination	IR + IR CUT	IR + IR CUT	IR	IR
Water-resistant camera unit	yes	yes	yes	yes
Shock-resistant camera unit	yes	yes	yes	yes
Intercom	yes	yes	yes	-
Motion detection	yes	yes	-	-



Order code	H4030	H4031	H4032
Series	GoSmart		
Type	IP-09D	IP-09C	IP-15S
Camera resolution	1 920 × 1 080	1 920 × 1 080	1 920 × 1 080
Number of buttons	1	1	1
Power supply	Li-Ion battery 2× 18650	12 V DC	5 V DC/1 A, AC 12-24 V
Network features/WiFi	yes	yes	yes
Lock/gate control	yes/-	yes/-	-/-
Camera unit dimensions	149 × 63 × 46 mm	149 × 63 × 46 mm	145 × 57 × 41 mm
Camera viewing angle	110°	110°	130°
Type of illumination	IR + IR CUT	IR + IR CUT	IR
Water-resistant camera unit	yes	yes	yes
Shock-resistant camera unit	-	-	-
Motion detection	yes	yes	yes
Additional indoor bell	yes	yes	yes



Order code	E5059	E6016	E8466	E5111	E6018	E8670	E0387
Version	wireless	wireless	wireless	wireless	wireless	wireless	wireless
Clock	wifi controlled	controlled by DCF signal	controlled by DCF signal	controlled by DCF signal	controlled by DCF signal	controlled by DCF signal	controlled by DCF signal
Display backlight	yes	yes	yes	yes	yes	yes	yes
Wall-mounted	yes	yes	–	yes	yes	yes	yes
Electronic panel backlight	yes	yes	–	yes	yes	yes	yes
Time zones	yes	yes	–	yes	yes	yes	yes
Projection	–	–	time and temperature projection	–	–	–	–
Date	yes	yes	yes	yes	yes	yes	yes
Calendar	yes	yes	yes	yes	yes	yes	yes
Alarm clock	yes	yes, 2×	yes, 2×	yes, 2×	yes, 2×	yes	yes
Outside temperature	-40 °C up +70 °C, to 0,1 °C	-30 °C up +60 °C, to 0,1 °C	-20 °C up +60 °C, to 0,1 °C	-40 °C up +70 °C, to 0,1 °C	-50 °C up +70 °C, to 0,1 °C	-30 °C up +60 °C, to 0,1 °C	-40 °C up +60 °C, to 0,1 °C
Inside temperature	-10 °C up +50 °C, to 0,1 °C	-10 °C up +50 °C, to 0,1 °C	-5 °C up +50 °C, to 0,1 °C	-10 °C up +50 °C, to 0,1 °C	-10 °C up +50 °C, to 0,1 °C	-10 °C up +50 °C, to 0,1 °C	-10 °C up +50 °C, to 0,1 °C
Outside humidity	1 % up 99 % RV, to 1 %	1 % up 99 % RV, to 1 %	–	20 % up 95 % RV, to 1 %	1 % up 99 % RV, to 1 %	10 % up 99 % RV, to 1 %	1 % up 99 % RV, to 1 %
Inside humidity	1 % up 99 % RV, to 1 %	1 % up 99 % RV, to 1 %	–	1 % up 99 % RV, to 1 %	1 % up 99 % RV, to 1 %	10 % up 99 % RV, to 1 %	1 % up 99 % RV, to 1 %
Minimum and maximum temperature	yes	yes	yes	yes	yes	yes	yes
Weather forecast	yes	yes	yes	yes	yes	yes	yes
Temperature warning	yes	yes	–	–	yes	yes	yes
Temperature/pressure trend	yes/–	yes/yes	yes/–	yes/yes	yes/yes	yes/–	yes/yes
Barometer/precipitation gauge/anemometer	yes/yes/yes	yes/yes/yes	–/–/–	yes/–/–	yes/–/–	yes/yes/–	yes/–/–
Altitude correction	yes	yes	–	–	yes	–	–
Phases of the moon	yes	yes	–	yes	yes	–	yes
Sensor range	up 50 m	up 100 m	up 30 m	up 50 m	up 100 m	up 50 m	up 80 m
Optional additional sensor	–	up to 3 temperature and humidity sensors (E06018), 1 anemometer sensor (E06016)	up to 3 sensors (E08400)	up to 3 sensors (E05018)	up to 3 sensors (E06018)	–	up to 3 sensors (E00387)
Wire probe for sensor	–	–	–	yes	–	–	–
Sensor's power supply	1× 3,7 V 4 400 mAh Li-ion 21700T	4× 1,5 V AA (not included)	2× 1,5 V AA (not included)	2× 1,5 V AAA (not included)	2× 1,5 V AAA (not included)	2× 1,5 V AA (not included)	2× 1,5 V AA (not included)
Station's power supply	3× 1,5 V AAA (not included)	3× 1,5 V AAA (not included)	1× CR2032 (included)	3× 1,5 V AAA (not included)	3× 1,5 V AAA (not included)	3× 1,5 V AAA (not included)	3× 1,5 V AAA (not included)
Network adapter	yes, 5 V DC/1 200 mA (included)	yes, 5 V DC/300 mA (included)	yes, 4,5 V DC/300 mA (included)	yes, 5 V DC/600 mA (included)	yes, 5 V DC/300 mA (included)	yes, 5 V DC/1 000 mA (included)	yes, 5 V DC/1 200 mA (included)
Dimension of the main unit	30 × 215 × 173 mm	17 × 192 × 127 mm	56 × 163 × 80 mm	26 × 197 × 125 mm	17 × 192 × 127 mm	29 × 205 × 127 mm	30 × 200 × 130 mm
Sensor's dimension	151 × 396 × 313 mm	250 × 160 × 100 mm	35 × 65 × 100 mm	21 × 60 × 100 mm	15 × 62 × 100 mm	117 × 117 × 164 mm	20 × 38 × 100 mm
Display size	163 × 120 mm	168 × 93 mm	102 × 42 mm	164 × 90 mm	168 × 93 mm	169 × 94 mm	168 × 91 mm



Order code	E0389	E8647	E3070	E3003	E0352	E5080	E0316	E0117N
Version	wireless	wireless	wireless	wireless	wireless	wireless	wireless	wire
Clock	wifi controlled	yes, quartz	controlled by DCF signal	controlled by DCF signal	controlled by DCF signal	controlled by DCF signal	controlled by DCF signal	yes, quartz
Display backlight	yes	yes	yes	yes	-	yes	yes	-
Wall-mounted	yes	yes	-	-	yes	yes	yes	-
Electronic panel backlight	yes	yes	-	-	-	yes	yes	-
Time zones	-	-	yes	yes	yes	yes	yes	-
Projection	-	-	-	-	-	-	-	-
Date	yes	-	yes	yes	yes	yes	yes	yes
Calendar	yes	-	yes	yes	yes	yes	yes	yes
Alarm clock	yes	yes	yes	yes	yes	yes, 2x	yes	yes
Outside temperature	based on data from the server	-50 °C up +70 °C, to 0,1 °C	-30 °C up +60 °C, to 0,1 °C	-50 °C up +70 °C, to 0,1 °C	-40 °C up +60 °C, to 0,1 °C	-40 °C up +70 °C, to 0,1 °C	-20 °C up +60 °C, to 0,1 °C	-50 °C up +70 °C, to 0,1 °C
Inside temperature	-10 °C up +50 °C, to 0,1 °C	-10 °C up +50 °C, to 0,1 °C	0 °C up +50 °C, to 0,1 °C	-10 °C up +50 °C, to 0,1 °C	-10 °C up +50 °C, to 0,1 °C	-10 °C up +50 °C, to 0,1 °C	0 °C up +50 °C, to 0,1 °C	-10 °C up +50 °C, to 0,1 °C
Outside humidity	based on data from the server	20 % up 95 % RV, to 1 %	-	20 % up 95 %, to 1 %	20 % up 95 % RV, to 1 %	20 % up 95 % RV, to 1 %	20 % up 99 % RV, to 1 %	-
Inside humidity	10 % up 99 % RV, to 1 %	20 % up 95 % RV, to 1 %	20 % up 90 % RV, to 1 %	20 % up 95 %, to 1 %	1 % up 99 % RV, to 1 %	1 % up 99 % RV, to 1 %	20 % up 99 % RV, to 1 %	20 % up 95 % RV, to 1 %
Minimum and maximum temperature	yes	yes	-	yes	yes	yes	yes	yes
Weather forecast	yes	yes	yes	yes	yes	yes	yes	yes
Temperature warning	-	-	-	yes	-	-	-	-
Temperature/pressure trend	-/-	-/-	yes/-	yes/-	yes/-	yes/yes	yes/-	-/-
Barometer/precipitation gauge/anemometer	yes/-/yes	-/-/-	-/-/-	-/-/-	-/-/-	yes/-/-	yes/-/-	-/-/-
Altitude correction	-	-	-	-	-	yes	-	-
Phases of the moon	-	-	yes	yes	yes	-	yes	yes
Sensor range	-	up 50 m	up 30 m	up 30 m	up 30 m	up 30 m	up 60 m	-
Optional additional sensor	-	-	up to 3 sensors (E03070)	up to 3 sensors (E05018)	up to 3 sensors (E05018)	up to 3 sensors (E05018)	up to 3 sensors (E05018)	-
Wire probe for sensor	-	-	-	-	-	yes	-	1,9 m
Sensor's power supply	-	2x 1,5 V AAA (not included)	2x 1,5 V AAA (not included)	2x 1,5 V AAA (not included)	2x 1,5 V AA (not included)	2x 1,5 V AAA (not included)	2x 1,5 V AAA (not included)	-
Station's power supply	3x 1,5 V AA (not included)	2x 1,5 V AAA (not included)	3x 1,5 V AAA (not included)	2x 1,5 V AA (not included)	2x 1,5 V AAA (not included)	3x 1,5 V AA (not included)	3x 1,5 V AA (not included)	2x LR1130 (included)
Network adapter	yes, 5 V DC/1 200 mA (included)	yes, micro USB 5 V/1 A (not included)	-	-	-	-	-	-
Dimension of the main unit	29 × 200 × 130 mm	20 × 85 × 96 mm	52 × 139 × 100 mm	50 × 120 × 180 mm	23 × 76 × 126 mm	27 × 130 × 130 mm	30 × 166 × 131 mm	16 × 70 × 109 mm
Sensor's dimension	-	25 × 50 × 95 mm	24 × 44 × 100 mm	23 × 60 × 92 mm	21 × 38 × 100 mm	21 × 60 × 100 mm	29 × 60 × 96 mm	-
Display size	168 × 91 mm	65 × 76 mm	111 × 61 mm	80 × 120 mm	50 × 81 mm	105 × 105 mm	110 × 73 mm	45 × 79 mm



Order code	P19223	P19224	P19222	P08215	P19733	P192250	P19220
Inclusion	NEOPRENE CABLE FOR MODERATE MECHANICAL LOAD, OIL-RESISTANT						
Warranty	5 years				2 years		
Conductor	H05VV-F 3 G				H07RN-F5G		H07RN-F 3 G
Conductor diameter	1,5 mm ²	2,5 mm ²	1,5 mm ²	1,5 mm ²	2,5 mm ²	1,5 mm ²	2,5 mm ²
Maximum reeled load	4,35 A max./1 000 W	5,2 A max./1 200 W	4,35 A max./1 000 W	4,35 A max./1 000 W	230 V~: 6,52 A max./ 1 500 W; 400 V~: 6,25 A max./ 2 500 W	230 V~: 4,35 A max./ 1 000 W; 400 V~: 6,25 A max./ 2 500 W	6,52 A max./1 500 W
Maximum unreeled load	16 A max./3 680 W	16 A max./3 680 W	16 A max./3 680 W	13,04 A max./3 000 W	230 V~: 15,22 A max./ 3 500 W; 400 V~: 16 A max./ 6 400 W	230 V~: 13 A max./ 3 000 W; 400 V~: 12,5 A max./ 5 000 W	15,22 A max./3 500 W
Length	50 m	40 m	25 m	15 m	33 m	25 m	50 m
Metal body	yes	yes	yes	yes	-	-	-
Suitable for construction sites	yes	yes	yes	yes	yes	yes	yes
Indoor use	yes	yes	yes	yes	yes	yes	yes
Temperature range for cable use	from -25°C to +60°C						
Guide loop for easy cable reeling	yes	yes	yes	yes	-	-	-
Outdoor use	yes IP44						
LED light	-	-	-	20 W/1 600 lm	-	-	-



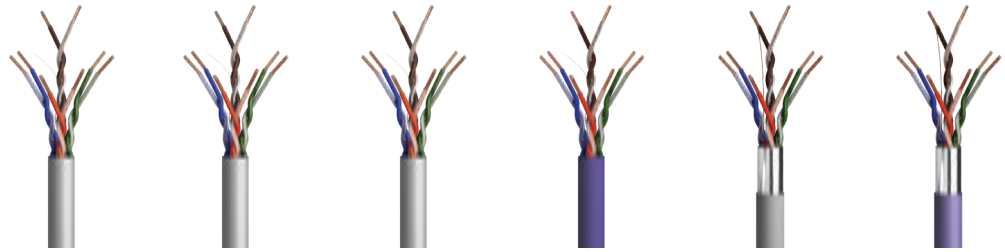
Order code	P08250	P08225	P19625	P19221
Inclusion	RUBBER CABLE FOR STANDARD MECHANICAL STRESS			
Warranty	2 years			
Conductor	H05RR-F 3 G			
Conductor diameter	1,5 mm ²		2,5 mm ²	
Maximum reeled load	4,8 A max./1 100 W	4,8 A max./1 100 W	6 A max./1 600 W	6,52 A max./1 500 W
Maximum unreeled load	16 A max./3 680 W	16 A max./3 680 W	16 A max./3 680 W	15,22 A max./3 500 W
Length	50 m	25 m	25 m	50 m
Metal body	-	-	-	-
Suitable for construction sites	-	-	-	-
Indoor use	yes	yes	yes	yes
Temperature range for cable use	from -25°C to +60°C			
Guide loop for easy cable reeling	-	-	-	-
Outdoor use	yes IP44			
LED light	-	-	-	-









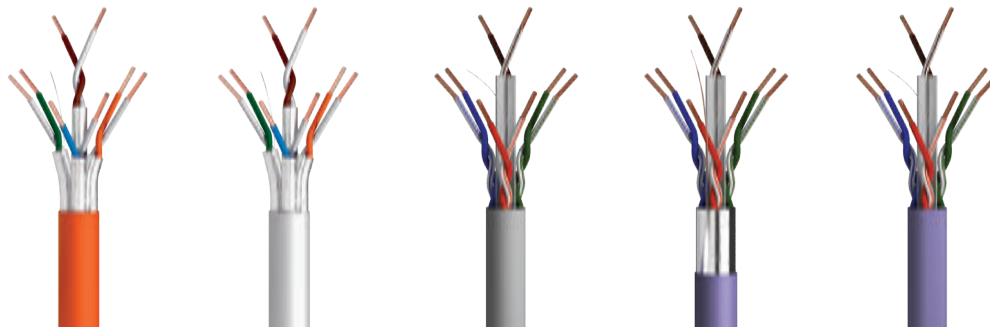
Order code	P19427	P092501	P092251	P09250	P09225	P09240
Inclusion	PVC CABLE FOR STANDARD MECHANICAL STRESS					
Warranty	2 years					
Conductor	H05VV-F 3 G					
Conductor diameter	1,5 mm ²					
Maximum reeled load	4,35 A max./1 000 W	4,8 A max./1 100 W	4,8 A max./1 100 W	4,8 A max./1 100 W	4,8 A max./1 100 W	4,8 A max./1 100 W
Maximum unreeled load	13 A max./3 000 W	16 A max./3 680 W	16 A max./3 680 W	16 A max./3 680 W	16 A max./3 680 W	16 A max./3 680 W
Length	25 m	50 m	25 m	50 m	25 m	40 m
Temperature range for cable use	from 4 °C to 60 °C					
Guide loop for easy cable reeling	-	yes	yes	yes	yes	yes
Outdoor use	-					








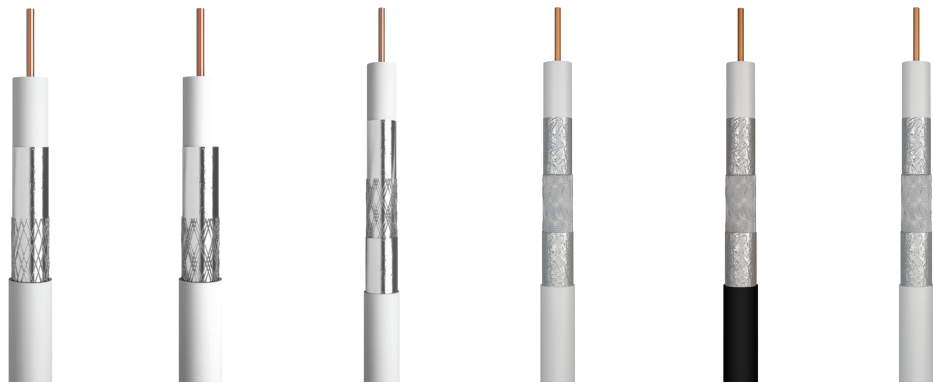
Order code	P09240M	P09225M	P09220	P19515	P19510
Inclusion	PVC CABLE FOR STANDARD MECHANICAL STRESS				
Warranty	2 years				
Conductor	H05VV-F 3 G				
Conductor diameter	2,5 mm ²		1,0 mm ²		
Maximum reeled load	6 A max./1 380 W	6 A max./1 600 W	4,8 A max./1 100 W	4 A max./920 W	4 A max./920 W
Maximum unreeled load	16 A max./3 600 W	16 A max./3 600 W	10 A max./2 300 W	10 A max./2 300 W	10 A max./2 300 W
Length	40 m	25 m	20 m	15 m	10 m
Temperature range for cable use	from 4 °C to 60 °C				
Guide loop for easy cable reeling	-	-	yes	yes	yes
Outdoor use	-				



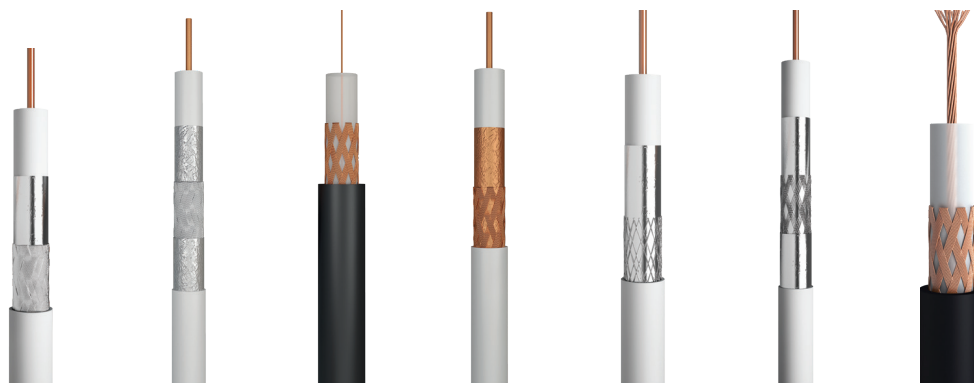
Order code	S9128	S9134	S9121	S9129	S9221	S9222
Type	UTP CAT 5E	UTP CAT 5E	UTP CAT 5E	UTP CAT 5E	F/UTP CAT 5E	F/UTP CAT 5E
DESIGN PARAMETERS						
Twisted pair	4×	4×	4×	4×	4×	4×
Number of wires	4× 2	4× 2	4× 2	4× 2	4× 2 + 1	4× 2 + 1
Shielding	-	-	-	-	aluminium/PET foils	aluminium/PET foils
Foil	-	-	-	-	7/12 – 18 mm	7/12 – 18 mm
Internal conductor	copper-clad aluminium (CCA)	copper wire	copper wire	copper wire	copper wire	copper wire
AWG	24	24	24	24	24	24
Diameter of conductors (mm)	0,51	0,45	0,48	0,48	0,48	0,48
Shielding of conductors	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE
Average thickness (mm)	0,22	0,22	0,22	0,22	0,22	0,22
Strength member	nylon 150D	nylon 150D	nylon 150D	nylon 150D	CuSn wire 0,4 mm	CuSn wire 0,4 mm
Cable jacket	PVC	PVC	PVC	LSOH (LSZH)	PVC	LSOH (LSZH)
Jacket thickness (mm)	1,1	1,1	1,1	1,1	1,1	1,1
Diameter of cable jacket (mm)	5,2	5	5,2	5,2	6	6
Colour	grey	grey	grey	purple	grey	purple
PACKAGING						
Material	 305 m/paper box 5-layer cardboard with print	 305 m/paper box 5-layer cardboard with print	 305 m/paper box 5-layer cardboard with print	 305 m/paper box 5-layer cardboard with print	 305 m/paper box 5-layer cardboard with print	 305 m/paper box 5-layer cardboard with print
MECHANICAL PROPERTIES						
Max. DC insulation resistance	94,8	94,8	94,8	94,8	94,8	94,8
Operating temperature	60	60	60	60	60	60
EU DIRECTIVE						
EU Directive 2011/65	RoHS	RoHS	RoHS	RoHS	RoHS	RoHS
EU Directive 305/2011	CPR	CPR	CPR	CPR	CPR	CPR
MEETS HARMONISED STANDARDS						
	ČSN EN 50173-1 ed. 4:2019 ANSI/EIA/TIA 568A, 568B ISO/IEC 11801 ČSN EN 50575:2015 A1:2017	ČSN EN 50173-1 ed. 4:2019 ANSI/EIA/TIA 568A, 568B ISO/IEC 11801 ČSN EN 50575:2015 A1:2017	ČSN EN 50173-1 ed. 4:2019 ANSI/EIA/TIA 568A, 568B ISO/IEC 11801 ČSN EN 50575:2015 A1:2017	ANSI/EIA/TIA 568A, 568B ISO/IEC 11801 IEC 60754-2 ČSN EN 50173-1 ed. 4:2019 ČSN EN 50575:2015 A1:2017 ČSN EN 60754-1:2015 ČSN EN 60754-2:2015 ČSN EN 60754-1:2015 ČSN EN 60754-2:2015 IEC/ČSN EN 60332-1-2 / IEC/ČSN EN 61034-2	ČSN EN 50173-1 ed. 4:2019 ANSI/EIA/TIA 568A, 568B ISO/IEC 11801 ČSN EN 50575:2015 A1:2017	ANSI/EIA/TIA 568A, 568B ISO/IEC 11801 ČSN EN 50173-1 ed. 4:2019 IEC 60754-2 ČSN EN 50575:2015 A1:2017 ČSN EN 60754-1:2015 ČSN EN 60754-2:2015 IEC/ČSN EN 60332-1-2 ČSN EN 60754-1:2015 ČSN EN 60754-2:2015 IEC/ČSN EN 61034-2
CPR CERTIFICATION						
Euroclass fire rating	Eca	Eca	Eca	Dca-s2-d2-a1	Eca	Dca-s2-d2-a2
Hazardous substances	-	-	-	-	-	-



Order code	S9310	S9320	S9131	S9230	S9132
Type	STP CAT6A	FFTP CAT6A	UTP CAT 6	F/UTP CAT 6	UTP CAT 6
DESIGN PARAMETERS					
Twisted pair	4×	4×	4×	4×	4×
Number of wires	4× 2 + 1	4× 2 + 1	4× 2	4× 2 + 1	4× 2
Shielding	aluminium/PET foils	aluminium/PET foils	-	aluminium/PET foils	-
Foil	7/12 – 18 mm	7/12 – 18 mm	-	7/12 – 18 mm	-
Internal conductor	copper wire	copper wire	copper wire	copper wire	copper wire
AWG	23	23	23	23	23
Diameter of conductors (mm)	0,56	0,56	0,55	0,55	0,55
Shielding of conductors	HDPE	HDPE	HDPE	HDPE	HDPE
Average thickness (mm)	0,22	0,22	0,22	0,22	0,22
Strength member	nylon 150D	nylon 150D	nylon 150D	CuSn wire 0,4 mm	nylon 150D
Cable jacket	LSZH	LSZH	PVC	LSOH (LSZH)	LSOH (LSZH)
Jacket thickness (mm)	1,1	1,1	1,1	1,1	1,1
Diameter of cable jacket (mm)	7,6	7,6	6,3	6,3	6,3
Colour	orange	grey	grey	purple	purple
PACKAGING					
Material	 500 m/ wooden coil	 500 m/ wooden coil	 305 m/ paper box 5-layer cardboard with print	 500 m/ wooden coil	 305 m/ paper box 5-layer cardboard with print
MECHANICAL PROPERTIES					
Max. DC insulation resistance	94,8	94,8	94,8	94,8	94,8
Operating temperature	-20 °C to 60 °C	-20 °C to 60 °C	60	60	60
EU DIRECTIVE					
EU Directive 2011/65	RoHS	RoHS	RoHS	RoHS	RoHS
EU Directive 305/2011	CPR	CPR	CPR	CPR	CPR
MEETS HARMONISED STANDARDS					
	ANSI/EIA/TIA 568A, 568B ISO/IEC 11801 ČSN EN 50173-1 ed. 4:2019 IEC 60754-2 ČSN EN 50575:2015 A1:2017 ČSN EN 60754-1:2015 ČSN EN 60754-2:2015 IEC/ČSN EN 60332-1-2 ČSN EN 60754-1:2015 ČSN EN 60754-2:2015 IEC/ČSN EN 61034-2	ANSI/EIA/TIA 568A, 568B ISO/IEC 11801 ČSN EN 50173-1 ed. 4:2019 IEC 60754-2 ČSN EN 50575:2015 A1:2017 ČSN EN 60754-1:2015 ČSN EN 60754-2:2015 IEC/ČSN EN 60332-1-2 ČSN EN 60754-1:2015 ČSN EN 60754-2:2015 IEC/ČSN EN 61034-2	ČSN EN 50173-1 ed. 4:2019 IEC 61156-5 Ed. 2 ISO/IEC 11801 CLASS ČSN EN 50288-6-1 ed. 2:2014 ANSI/EIA/TIA 568B.2-1 Cat 6 ČSN EN 50575:2015 A1:2017	ANSI/EIA/TIA 568A, 568B ISO/IEC 11801 ČSN EN 50173-1 ed. 4:2019 IEC 60754-2 ČSN EN 50575:2015 A1:2017 ČSN EN 60754-1:2015 ČSN EN 60754-2:2015 IEC/ČSN EN 60332-1-2 ČSN EN 60754-1:2015 ČSN EN 60754-2:2015 IEC/ČSN EN 61034-2	NSI/EIA/TIA 568A, 568B ISO/IEC 11801 ČSN EN 50173-1 ed. 4:2019 IEC 60754-2 ČSN EN 60754-1:2015 ČSN EN 60754-2:2015 ČSN EN 50575:2015 A1:2017 IEC/ČSN EN 60332-1-2 ČSN EN 60754-1:2015 ČSN EN 60754-2:2015 IEC/ČSN EN 61034-2 ČSN EN 50288-1 ed. 3:2014
CPR CERTIFICATION					
Euroclass fire rating	B2ca-s1-d1-a1	Dca-s1-d2-a1	Eca	Dca-s2-d2-a2	Dca-s2-d2-a2
Hazardous substances	-	-	-	-	-



Order code	S5131 S5231S	S5141 S5241S	S5252 S5253	S5261 S5262 S5268	S5265 S5266	S5269 S5270	
Type of coaxial cable	CB 50F	CB 100F	CB 500	CB 113	CB 113 UV	CB 113 LSZH	
Type	75Ω						
Class	-	-	-	CLASS A+	CLASS A+	CLASS A+	
DESIGN PARAMETERS							
Internal conductor Ø [mm], mat.	0,9 Cu	1,0 Cu	0,75 Cu	1,13 Cu	1,13 Cu	1,13 Cu	
Dielectric Ø [mm], type	4,4 FPE	4,6 FPE	3,2 FPE	4,8 FPE	4,8 FPE	4,8 FPE	
Shielding	I.foil	1× Al	1× Al/PES	1× Al/PES	1× Al/PES	1× Al/PES	
	Conductors Ø [mm]	CuSn 32× 0,12	CuSn 48× 0,12	CuSn 48× 0,12	CuSn 144× 0,12	CuSn 144× 0,12	
	II.foils	-	-	Al/PES spiral	Al/PES spiral	Al/PES spiral	
Jacket Ø [mm]	6,3±0,2	6,5±0,2	5±0,2	7,05±0,2	7,05±0,2	7,05±0,2	
Material	PVC	PVC	PVC	PVC	PVC – UV resistant	LSZH	
Colour	white	white	white	white	black	white	
ELECTRICAL PARAMETERS							
Impedance [Ω]	75±3						
Capacity [pF/m]	56	54	53	52	52,5	52	
Shortening coefficient	0,81	0,82	0,85	0,85	0,84	0,85	
Maximum attenuation at 20 °C [dB/100 m]	10 MHz	2,2	2	4,5	2,2	2,28	2,2
	100 MHz	7	7	10,5	5,8	5,8	5,8
	450 MHz	14,3	14,1	20,2	12,5	12,6	12,5
	650 MHz	17,8	17,5	24,1	15,3	15,1	15,3
	860 MHz	20,8	20,5	28	18,5	17,87	18,5
	1 000 MHz	21,8	21	29,1	19,3	19,5	19,3
	2 000 MHz	32	31	>35	29,5	28,02	29,5
Maximum return loss at 20 °C [dB]	10–300 MHz	25	25	25	30	31	-
	300–600 MHz	23	23	20	25	25	25
	600–900 MHz	20	20	18	23	23	23
Min. shielding effectiveness [dB]	10–800 MHz	75	75	75	>95	>95	>95
Max. DC resistance at 20 °C [Ω/km]	Inner core	29,3	23,7	41,5	18,5	25,7	18,5
	Outer core	57,2	38,2	48,5	38,5	45,9	38,5
Insulation resistance between cores at 20 °C* [MΩ/km]	500	500	1 000	1 000	500	1 000	
MECHANICAL PROPERTIES							
Weight [kg/km]	39,5	40,5	26,5	41,5	43,5	43,5	
Min. bending radius single/multiple [mm]	30/60	30/60	25/50	35/70	30/60	35/70	
Operating temperature [°C]	Operating	-20 ~ +75					
	During installation	+5 ~ +60					
Packaging method	Length [m]	100 250	100 250	100 250	100 250 500	100 250	250 500
	Reel type	paper	paper	paper	paper wood	paper	paper wood
	Metrage marking	yes					
RECOMMENDED CONNECTOR TYPES							
Order code	F screw-on	K7331	K7331	K7321	K7351	K7351	K7351



Order code	S5271 S5273	S5272	S5194	S5385	S5381 S5381E	S5382 S5383	S5213	
Type of coaxial cable	CB 21D	CB 115	RG59B/U	CB 125	CB 130	CB 135	RG58U	
Type	75Ω						50Ω	
Class	CLASS A	CLASS A	-	-	-	CLASS A	-	
DESIGN PARAMETERS								
Internal conductor Ø [mm], mat.	1,10 Cu	1,02 Cu	0,58 Cu	1,02 Cu	1,02 CCS	1,02 CCS	17× 0,19 CCA	
Dielectric Ø [mm], type	4,8 FPE	4,8 FPE	3,7 FPE	4,8 FPE	4,8 FPE	4,8 FPE	3 SPE	
Shielding	I.foil	1× Al/PET	-	1× CCA/PES	1× Al/PES	1× Al/PES	-	
	Conductors Ø [mm]	Al 128× 0,12	Al 96× 0,12	CCA 128× 0,12	CCA 64× 0,12	Al 32× 0,12	Al 64× 0,12	CCA 112× 0,12
	II.foils	-	Al/PET	-	-	-	Al/PES	-
Jacket Ø [mm]	6,8±0,2	6,8±0,2	6,05±0,2	6,8±0,2	6,8±0,2	6,8±0,2	5±0,2	
Material	PVC	PVC	PVC	PVC	PVC	PVC	PVC	
Colour	white	white	black	white	white	white	black	
ELECTRICAL PARAMETERS								
Impedance [Ω]	75±3						50±3	
Capacity [pF/m]	52	50	70	54	55	75	100	
Shortening coefficient	0,85	0,81	0,66	0,83	0,84	0,85	0,66	
Maximum attenuation at 20 °C [dB/100 m]	10 MHz	2,2	2,17	3	2,28	2,32	2,28	8,5
	100 MHz	4,2	7,35	9	7,1	7,4	7,2	14,2
	450 MHz	11,3	13,2	20	14,4	15,5	15	32,9
	650 MHz	14,8	17,42	28	17,6	18,2	18,3	47,2
	860 MHz	17,6	19,47	32	20,6	20,8	20,7	-
	1 000 MHz	18,4	19,8	-	21,3	22,5	21,9	-
	2 000 MHz	27,1	29,9	-	31,5	34	33,5	-
Maximum return loss at 20 °C [dB]	10-300 MHz	30	25	20	23	25	25	-
	300-600 MHz	25	23	16	20	23	23	18
	600-900 MHz	23	19	16	20	20	20	16
Min. shielding effectiveness [dB]	10-800 MHz	>110	>100	90	77	75	>110	65
Max. DC resistance at 20 °C [Ω/km]	Inner core	19,5	21	170	23,9	25,7	25,3	37,6
	Outer core	38,5	38	17	38,9	45,9	49,2	17,1
Insulation resistance between cores at 20 °C* [MΩ/km]	>500	500	>10 000	500	500	500	500	
MECHANICAL PROPERTIES								
Weight [kg/km]	41,5	41	55	40,5	40,5	40,5	40,5	
Min. bending radius single/multiple [mm]	35/70	30/60	25/50	30/60	30/60	30/60	25/50	
Operating temperature [°C]	Operating	-20 ~ +75						
	During installation	+5 ~ +60						
Packaging method	Length [m]	100 500	100	500	100	100	100 500	500
	Reel type	paper wood	paper	paper wood	paper	paper PVC	paper wood	wood
	Metrage marking	yes						
RECOMMENDED CONNECTOR TYPES								
Order code	F screw-on	K7351	K7351	K7331	K7351	K7331	K7331	-



	JO686	JO687	JO688	JO701	JO702
Order code	JO686	JO687	JO688	JO701	JO702
Use	indoor	indoor	indoor	indoor	indoor
Signal reception	FM/DAB/DVB-T/T2	DAB/DVB-T/T2	DVB-T/T2	FM/DAB/DVB-T/T2	DVB-T/T2
Suitable for receiving full HD broadcasts	yes	yes	yes	yes	yes
LTE filter	yes	yes	yes	yes	yes
5G filter	yes	yes	yes	yes	yes
Polarization	horizontal and vertical	horizontal and vertical	horizontal and vertical	horizontal and vertical	horizontal and vertical
Frequency bands	FM/VHF/DAB/UHF	VHF/UHF	VHF/UHF	FM/VHF/DAB/UHF	UHF
Frequency range	87.5–230 MHz, 470–698 MHz	174–230 MHz, 470–698 MHz	174–230 MHz, 470–698 MHz	47–230 MHz, 470–698 MHz	470–698 MHz
Reception angle	360°	360°	360°	360°	180°
Power supply	DC USB 5 V/550 mA (included)	DC USB 5 V/550 mA (included)	DC USB 5 V/550 mA (included)	DC USB 5 V/550 mA (included)	DC USB 5 V/550 mA (included)
Connector type	IEC	IEC	IEC	IEC	IEC



	JO703	JO704	JO705	JO707	JO708
Order code	JO703	JO704	JO705	JO707	JO708
Use	indoor	indoor	indoor	indoor	indoor
Signal reception	DAB/DVB-T/T2	FM/DAB/DVB-T/T2	FM/DAB/DVB-T/T2	DAB/DVB-T/T2	FM/DAB/DVB-T/T2
Suitable for receiving full HD broadcasts	yes	yes	yes	yes	yes
LTE filter	yes	yes	yes	yes	yes
5G filter	yes	yes	yes	yes	yes
Polarization	horizontal and vertical	horizontal and vertical	horizontal and vertical	horizontal and vertical	horizontal and vertical
Frequency bands	VHF/UHF	FM/VHF/DAB/UHF	FM/VHF/DAB/UHF	VHF/DAB/UHF	FM/VHF/DAB/UHF
Frequency range	174–230 MHz, 470–698 MHz	87.5–230 MHz, 470–698 MHz	87.5–230 MHz, 470–698 MHz	174–230 MHz, 470–698 MHz	87.5–230 MHz, 470–698 MHz
Reception angle	360°	360°	180°	360°	360°
Power supply	DC USB 5 V/550 mA (included)	DC USB 5 V/550 mA (included)	DC USB 5 V/550 mA (included)	DC USB 5 V/550 mA (included)	USB 5 V/200 mA (included)
Connector type	IEC	IEC	IEC	IEC	IEC



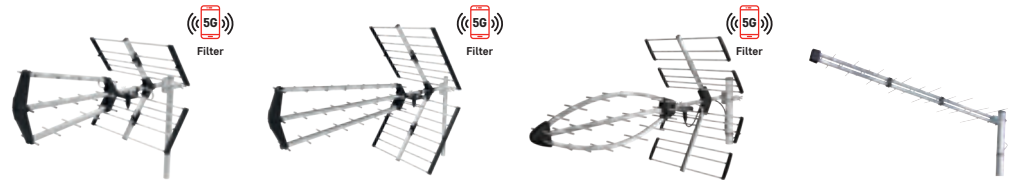
	JO682	JO709	JO673	JO659	JO656
Order code	JO682	JO709	JO673	JO659	JO656
Use	indoor	indoor	indoor	indoor	indoor
Signal reception	FM/DAB/DVB-T/T2	DAB/DVB-T/T2	DAB/DVB-T/T2	DAB/DVB-T/T2	FM/DAB/DVB-T/T2
Suitable for receiving full HD broadcasts	yes	yes	yes	yes	yes
LTE filter	yes	yes	yes	yes	yes
5G filter	-	yes	-	-	-
Polarization	horizontal and vertical	horizontal and vertical	horizontal and vertical	horizontal	horizontal and vertical
Frequency bands	FM/VHF/DAB/UHF	VHF/UHF	VHF/UHF	VHF/UHF	FM/VHF/UHF
Frequency range	87.5–230 MHz, 470–790 MHz	174–230 MHz, 470–698 MHz	174–230 MHz, 470–790 MHz	174–230 MHz, 470–790 MHz	87.5–230 MHz, 470–790 MHz
Reception angle	360°	180°	180°	180°	360°
Power supply	DC USB 5 V/550 mA (included)	USB 5 V/200 mA (included)	DC USB 5 V/550 mA (included)	DC USB 5 V/550 mA (included)	DC USB 5 V/550 mA (included)
Connector type	IEC	IEC	IEC	IEC	IEC



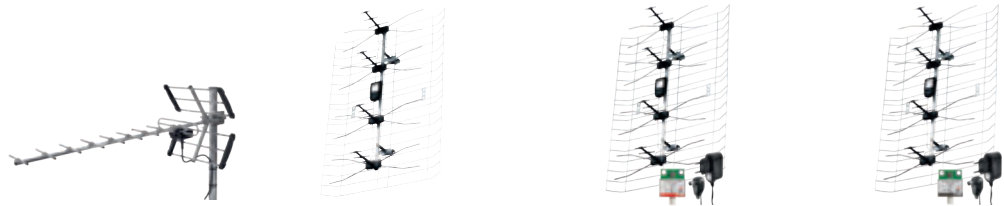
	J0801	J0802	J0683	J0803	J0664
Order code	J0801	J0802	J0683	J0803	J0664
Use	universal	indoor/outdoor	indoor/outdoor	indoor/outdoor	outdoor universal
Signal reception	DVB-T/T2	FM/DAB/DVB-T/T2	FM/DAB/DVB-T/T2	FM/DAB/DVB-T/T2	FM/DAB/DVB-T/T2
Suitable for receiving full HD broadcasts	yes	yes	yes	yes	yes
LTE filter	yes	yes	yes	yes	yes
5G filter	yes	yes	-	yes	-
Polarization	horizontal and vertical	horizontal and vertical	horizontal and vertical	horizontal and vertical	horizontal and vertical
Frequency bands	UHF	FM/VHF/DAB/UHF	FM/VHF/DAB/UHF	FM/VHF/UHF	FM/VHF/UHF
Frequency range	470-698 MHz	87.5-230 MHz, 470-698 MHz	87.5-230 MHz, 470-790 MHz	47-698 MHz	47-790 MHz
Reception angle	90°	180°	180°	360°	360°
Power supply	DC USB 5 V/550 mA (included)	USB 5 V/200 mA (included)	DC USB 5 V/550 mA (included)	USB 5 V/200 mA (included)	DC USB 5 V/550 mA (included)
Connector type	F, IEC	IEC	IEC	IEC	F, IEC



	J0804	J0685	J0681	J0667
Order code	J0804	J0685	J0681	J0667
Use	universal	indoor/outdoor	outdoor universal	outdoor
Signal reception	DAB/DVB-T/T2	DVB-T/T2	FM/DAB/DVB-T/T2	DVB-T/T2
Suitable for receiving full HD broadcasts	yes	yes	yes	yes
LTE filter	yes	yes	yes	yes
5G filter	yes	yes	-	-
Polarization	horizontal and vertical	horizontal and vertical	horizontal and vertical	horizontal and vertical
Frequency bands	VHF/DAB/UHF	UHF	FM/VHF/DAB/UHF	UHF
Frequency range	174-230 MHz, 470-698 MHz	470-698 MHz	87.5-230 MHz, 470-790 MHz	470-790 MHz
Reception angle	180°	30°/40°	38°/90°	30°/40°
Power supply	DC USB 5 V/550 mA (included)	DC USB 5 V/550 mA (included)	DC USB 5 V/550 mA (included)	DC 5-12 V/100 mA (included)
Connector type	F, IEC	F, IEC	F, IEC	F, IEC



	J0906	J0907	J0690	J0669
Order code	J0906	J0907	J0690	J0669
Use	outdoor YAGI	outdoor YAGI	outdoor	outdoor
Signal reception	DVB-T/T2	DVB-T/T2	DVB-T/T2	DVB-T/T2
Suitable for receiving full HD broadcasts	yes	yes	yes	yes
LTE filter	yes	yes	yes	yes
5G filter	yes	yes	yes	-
Polarization	horizontal and vertical	horizontal and vertical	horizontal and vertical	horizontal and vertical
Frequency bands	UHF	UHF	UHF	UHF
Frequency range	470-698 MHz	470-698 MHz	470-698 MHz	470-790 MHz
Reception angle	38°/80°	38°/80°	38°/80°	45°/40°
Power supply	not stated	not stated	passive	passive
Connector type	F connector	F connector	F connector	F connector



	J0680	J5818	J0665	J0666
Order code	J0680	J5818	J0665	J0666
Use	outdoor	outdoor	set containing antenna, preamplifier and power supply	set containing antenna, preamplifier and power supply
Signal reception	DVB-T/T2	DAB/DVB-T/T2	DAB/DVB-T/T2	DAB/DVB-T/T2
Suitable for receiving full HD broadcasts	yes	yes	yes	yes
LTE filter	yes	-	yes	yes
5G filter	-	-	-	-
Polarization	horizontal and vertical	horizontal and vertical	horizontal and vertical	horizontal and vertical
Frequency bands	UHF	VHF/UHF	VHF/DAB/UHF	VHF/DAB/UHF
Frequency range	470-790 MHz	170-790 MHz	170-790 MHz	170-790 MHz
Reception angle	34°/26°	30°/40°	30°/40°	30°/40°
Power supply	passive	passive	12 V/100 mA (included)	12 V/100 mA (included)
Connector type	F connector	below screw	F connector	F connector



Order code	M3620	M0305	M0230	M2092	M0391	M0320
Series	300		200			100
Type	MD-310	MD-310C	MD-230	MD-220	MD-210	MD-110
Range selection	manual	automatic	manual	manual	manual	manual
AC voltage	200 – 300 V	2 – 600 V	2 – 600 V	2 – 600 V	200 – 300 V	200 – 300 V
DC voltage	200 mV – 300 V	200 mV – 600 V	200 mV – 600 V	200 mV – 600 V	200 mV – 300 V	200 mV – 300 V
AC current	–	–	2 mA – 10 A	2 mA – 10 A	–	–
DC current	20 mA – 10 A	2 – 600 A	2 mA – 10 A	2 mA – 10 A	20 μ A – 10 A	2 000 μ A – 200 mA
Electrical resistance	200 Ω – 2 M Ω	200 Ω – 20 M Ω	200 Ω – 20 M Ω	200 Ω – 20 M Ω	200 Ω – 2 M Ω	200 Ω – 2 M Ω
Circuit continuity	yes	yes	yes	yes	yes	–
Diode test	yes	yes	yes	yes	yes	yes
Transistor test	–	–	yes	yes	–	–
Battery test	yes	–	–	–	–	yes
Temperature measurement	–	–	–	–	–	–
Touchless AC voltage detection	–	–	–	–	–	–
Product details	safe measuring tip connection technology	–	–	–	–	–



Order code	M3252	M0430	M0420	M3691	M0400
Series	500	400			
Type	MD-510	MD-430	MD-420	MD-410	MD-410C
Range selection	fully automatic + manual	automatic + manual	automatic	manual	automatic + manual
AC voltage	6 – 600 V	600 mV – 750 V	2 – 300 V	200 mV – 300 V	4 V – 600 V
DC voltage	6 – 600 V	600 mV – 1 000 V	200 μ A – 10 A (to 1 000 A)	200 mV – 300 V	400 mV – 600 V
AC current	–	600 μ A – 10 A	200 mV – 300 A	20 mA – 10 A	400 A
DC current	–	600 μ A – 10 A	200 μ A – 10 A (to 1 000 A)	20 mA – 10 A	400 A
Electrical resistance	600 Ω – 10 M Ω	600 Ohm – 60 MOhm	200 Ω – 20 M Ω	200 Ω – 20 M Ω	400 Ω – 40 M Ω
Circuit continuity	yes	yes	yes	yes	yes
Diode test	–	yes	yes	yes	yes
Transistor test	–	yes	yes	–	–
Battery test	–	–	–	yes	–
Temperature measurement	–	-40 °C to +300 °C	-20 °C to +1 000 °C	0 °C to +1 000 °C	-20 °C to +1 000 °C
Touchless AC voltage detection	yes	–	–	yes	–
Product details	automatic detection of measured quantity, pocket-sized	maximum value memory, measured value memory	–	safe measuring tip connection technology	–



Order code	M0071	M0012A	M0014A	M0003B	M0007A	M0048	M0018
Series	700	300		200		100	
Type	VT-710	VT-320	VT-310	VT-211	VT-150	VT-120	VT-110
AC voltage	6 – 690 V	12 – 690 V	110 – 400 V	6–400 V	70 – 1 000 V touchless	70 – 250 V touchless	70 – 250 V touchless
DC voltage	6 – 690 V	12 – 690 V	110 – 400 V	6–400 V		0 – 250 V touchless	0 – 250 V touchless
Indication	optical + acoustic	optical + acoustic	optical	optical	optical + acoustic	optical + acoustic	optical
Determination of polarity	yes	yes	yes	yes	–	yes	yes
Determination of phase sequence	yes	yes	yes	–	–	–	–
Circuit continuity	yes	yes	–	–	–	–	–

Measuring tools


Order code	M0501	M0502	M0503	N0322
Name	Multidetector	Laser distance meter	IR thermometer	Universal battery tester
Product details	detection of AC wiring, metal and wood	0,05 – 40 m, length, area, volume, Pythagoras, continuous measurement	optical characteristic 8:1, laser measurement, continuous measurement, memory, -50 °C to 380 °C	for batteries AAA, AA, C, D, 9 V, button



Order code	P56110T	P56160T	P56060T	P5603R	P5614
Thermostat type	wireless with OpenTherm communication	wireless with OpenTherm communication	wired with OpenTherm communication	wire	wireless
Control mode	heating and cooling system	heating and cooling system	heating and cooling system	heating and cooling system	heating and cooling system
Number of programs	6 programs + 3 customizable	1 customizable program and customizable temperature (6× per day)	1 customizable program and customizable temperature (6× per day)	customizable temperature	customizable temperature
Temperature setting type	6 temperature changes per day	6 temperature changes per day	6 temperature changes per day	manually	manually
Temperature setting	from 7 °C up to 30 °C, by 0.2 °C	from 5 °C up to 35 °C, by 0.5 °C	from 5 °C up to 35 °C, by 0.5 °C	from 5 °C up to 30 °C, by 1 °C	from 5 °C up to 35 °C, by 0.5 °C
Adjustable variance of temperature	0.1 °C, 0.2 °C, 0.5 °C, 1.0 °C	from 0.2 °C up to 2 °C, by 0.1 °C	from 0.2 °C up to 2 °C, by 0.1 °C	0.4 °C	±0.2 °C
ON/OFF function	yes	yes	yes	–	yes
Holiday mode	–	yes	yes	–	–
Switching	230 V AC and potential-free	230 V AC and potential-free	230 V AC and potential-free	230 V AC and potential-free	230 V AC and potential-free
Switching load	16 A resistive, 5 A inductive	10 A resistive, 4 A inductive	6 A resistive, 2 A inductive	6 A resistive, 2 A inductive	16 A resistive, 4 A inductive
Power supply	230 V AC (receiver)/2× 1.5 V AA (transmitter)	230 V AC (receiver)/2× 1.5 V AA (transmitter)	2× 1.5 V AA (included)	2× 1.5 V AA (included)	230 V AC (receiver)/2× 1.5 V AAA (transmitter)
Other features	OpenTherm & relay output, lock function, illuminated display, range 100 m	OpenTherm & relay output, lock function, illuminated display, range 100 m	OpenTherm & relay output, lock function, illuminated display	freeze protection	freeze protection, illuminated display, range 100 m



Order code	P5604	P5623	P5607	P5601UF	P5660FR
Thermostat type	wire	wireless	wire	wired for underfloor heating	socket
Control mode	heating and cooling system	heating system	heating and cooling system	heating system	heating and cooling system
Number of programs	customizable temperature	customizable	1 customizable program and customizable temperature (6× per day)	1 customizable program and customizable temperature (6× per day)	customizable temperature (6× per day)
Temperature setting type	manually	6 temperature changes per day	6 temperature changes per day	6 temperature changes per day	6 temperature changes per day
Temperature setting	from 5 °C up to 35 °C, by 0.5 °C	5 °C to 35 °C, resolution 0.5 °C	from 5 °C up to 35 °C, by 0.5 °C	from 5 °C up to 95 °C, by 0.5 °C	5 °C to 40 °C, resolution 0.5 °C
Adjustable variance of temperature	±0.2 °C	±0.3 °C	from 0.2 °C up to 2 °C, by 0.1 °C	from 1 °C up to 10 °C, by 1 °C	from 0.2 °C up to 2 °C, by 0.1 °C
ON/OFF function	–	yes	–	yes	yes
Holiday mode	–	yes	–	–	–
Switching	230 V AC and potential-free	230 V AC and potential-free	230 V AC and potential-free	voltage 230 V AC, 50 Hz	230 V AC and potential-free
Switching load	8 A resistively, 2 A inductively	16 A resistive, 4 A inductive	8 A resistively, 2 A inductively	16 A resistive	16 A resistive, 4 A inductive
Power supply	2× 1.5 V AAA (included)	230 V AC (receiver)/ 5 V (transmitter)	2× 1.5 V AAA (included)	230 V AC	230 V AC
Other features	freeze protection, illuminated display	control via mobile app, Wi-Fi connection; master lock; freeze protection, range 100 m	freeze protection, illuminated display	freeze protection	freeze protection, temperature calibration, timer (countdown, summer/winter time)









Order code	P56201	P56211	P56201UF	P5630S
Thermostat type	wire	wireless	wired for underfloor heating	SMART, programmable thermo knob
Control mode	heating and cooling system	heating and cooling system	heating system	heating system
Number of programs	customizable temperature (6× per day)	customizable temperature (6× per day)	customizable temperature (6× per day)	1 customizable program and customizable temperature (6× per day)
Temperature setting type	6 temperature changes per day	6 temperature changes per day	6 temperature changes per day	6 temperature changes per day
Temperature setting	from 5 °C up to 35 °C, by 0.5 °C	from 5 °C up to 35 °C, by 0.5 °C	from 1 °C up to 70 °C, by 0.5 °C	1 °C to 70 °C, resolution 0.5 °C
Adjustable variance of temperature	0.2 °C to 2 °C (resolution 0.1 °C)	0.2 °C to 2 °C (resolution 0.1 °C)	internal sensor: 0.5 °C to 2.5 °C, resolution 0.5 °C; underfloor sensor: 1 °C to 9 °C, resolution 1 °C	from 0.5 °C up to 1.5 °C, by 0.5 °C
ON/OFF function	yes	yes	yes	-
Holiday mode	yes	yes	yes	yes
Switching	voltage 230 V AC, 50 Hz	230 V AC and potential-free	voltage 230 V AC, 50 Hz	-
Switching load	6 A resistive, 2 A inductive	16 A resistive, 4 A inductive	16 A resistive	-
Power supply	230 V AC	230 V AC (receiver)/5 V (transmitter)	230 V AC	2× 1.5 V AA (included)
Other features	freeze protection, temperature calibration, switching based on GPS location	freeze protection, temperature calibration, switching based on GPS location	freeze protection, temperature calibration, switching based on GPS location	freeze protection, temperature calibration, child lock, switching based on GPS location
Matrix	-	-	-	M30 × 1.5 mm
Included adaptors	-	-	-	Danfoss RA, RAV, RAVL



Order code	P5685	P5686	P5683	P5684	P5681	P5682
Thermostat type	wire, flow thermostat	wire, flow thermostat	wire, flow thermostat	wire, capillary sensor thermostat	wire, flow thermostat	wire, capillary sensor thermostat
Control mode	heating and cooling system	heating and cooling system	heating and cooling system	heating and cooling system	heating and cooling system	heating and cooling system
Number of programs	-	-	-	-	-	-
Temperature setting type	manually	manually	manually	manually	manually	manually
Temperature setting	0 °C to 90 °C, resolution 5 °C	from 5 °C up to 80 °C, by 0.1 °C	from 5 °C up to 80 °C, by 0.1 °C	from 5 °C up to 90 °C, by 0.1 °C	0 °C to 90 °C, resolution 5 °C	0 °C to 90 °C, resolution 5 °C
Adjustable variance of temperature	-	from 0.1 °C up to 15 °C, by 0.1 °C	from 0.1 °C up to 15 °C, by 0.1 °C	from 0.1 °C up to 15 °C, by 0.1 °C	-	-
ON/OFF function	-	yes	yes	yes	-	-
Holiday mode	-	-	-	-	-	-
Switching	voltage 230 V AC, 50 Hz	voltage 230 V AC, 50 Hz	voltage 230 V AC, 50 Hz	voltage 230 V AC, 50 Hz	voltage 230 V AC, 50 Hz	voltage 230 V AC, 50 Hz
Switching load	16 A resistive, 4 A inductive	5 A resistively, 1.5 A inductively	5 A resistively, 1.5 A inductively	5 A resistively, 1.5 A inductively	16 A resistive, 4 A inductive	16 A resistive, 4 A inductive
Power supply	230 V, 400 V AC	230 V AC	230 V AC	230 V AC	230 V, 400 V AC	230 V, 400 V AC
Other features	-	-	display with set/current temperature, LED indication of thermostat activation, ON/OFF function	display with set/current temperature, LED indication of thermostat activation, ON/OFF function	-	-



Order code	P56402	P56501	P56500	P56450
Detection: carbon monoxide	yes	-	-	-
Detection: smoke	-	yes	yes	-
Detection: flammable gases	-	-	-	yes
Optical indication	yes	yes	yes	yes
Audio indication	yes	yes	yes	yes
Wall-mounted and free-standing	yes	yes	yes	yes
Mutual pairing of detectors	-	-	yes	-
 Central heating boilers	yes	yes	yes	yes
 Cooker, water heater	yes	yes	yes	yes
 Tankless water heater	yes	-	-	yes
 Storage tank water heater	yes	-	-	yes
 Garage (exhaust gases)	yes	-	-	-
 Fireplace	yes	yes	yes	-
Power supply	2× 1,5 V AA	1× 9 V	2× 1,5 V AA	from 230 V AC mains
Detector life	10 years	10 years	10 years	5 years

Explanatory notes and useful links



Children's safety plugs

This icon in the catalogue refers to the presence of children's safety plugs in outlets of extension cords or surge protections.



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A/ B/ C/ D

Packaging

A – retail packaging
B – number of products in a group packaging
C – number of products per inner carton
D – number of products per export carton



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