

## Experience

Pawbol Sp. z o. o. is a recognized manufacturer of electrical equipment in Poland and Europe, which started its activity in 1989 from the production of thermosetting holders. Currently, the product offer includes over 2,000 standard products manufactured by Pawbol. Commercial goods in the offer are only a complement to Pawbol's offer, ensuring comprehensiveness of supply. The company's headquarters is in Andrychów in the Malopolska province and due to the dynamic development of the company, Pawbol built its second facility in Zator. Since the beginning of its activity, the company has established itself as a solid and reliable business partner, becoming a synonym of reliability and trust for many.

## Wide product range

By focusing on the company's development and willingness to remain competitive in the market, Pawbol uses the potential of knowledge and experience of specialists from the electrical installation industry, working with them in the area of design and use of innovative technological processes. The consequence of this is the introduction to the commercial offer of several new products every year, adapted to the latest market trends.

## PAWBOL Sp. z o. o. products are categorized in 8 groups:

- ◆ A. Mounting boxes
- ◆ B. Power equipment, cable extenders
- ◆ C. Housing, distribution boards, distribution cabinets
- ◆ D. Lighting equipment
- ◆ E. Terminal strips
- ◆ H. Cable clips and ties
- ◆ R. Lightning installation
- ◆ CZ. Pipes, ducts, connections



## Highest quality

Main goal of the Pawbol Sp z o. o. is to provide the highest standards in the production of goods, customer service and sales systems on the Polish and European market. Pawbol Sp z o. o. applies a Quality Management System complies with the requirements of EN ISO 9001:2015, which is certified by DAS Certification Ltd.

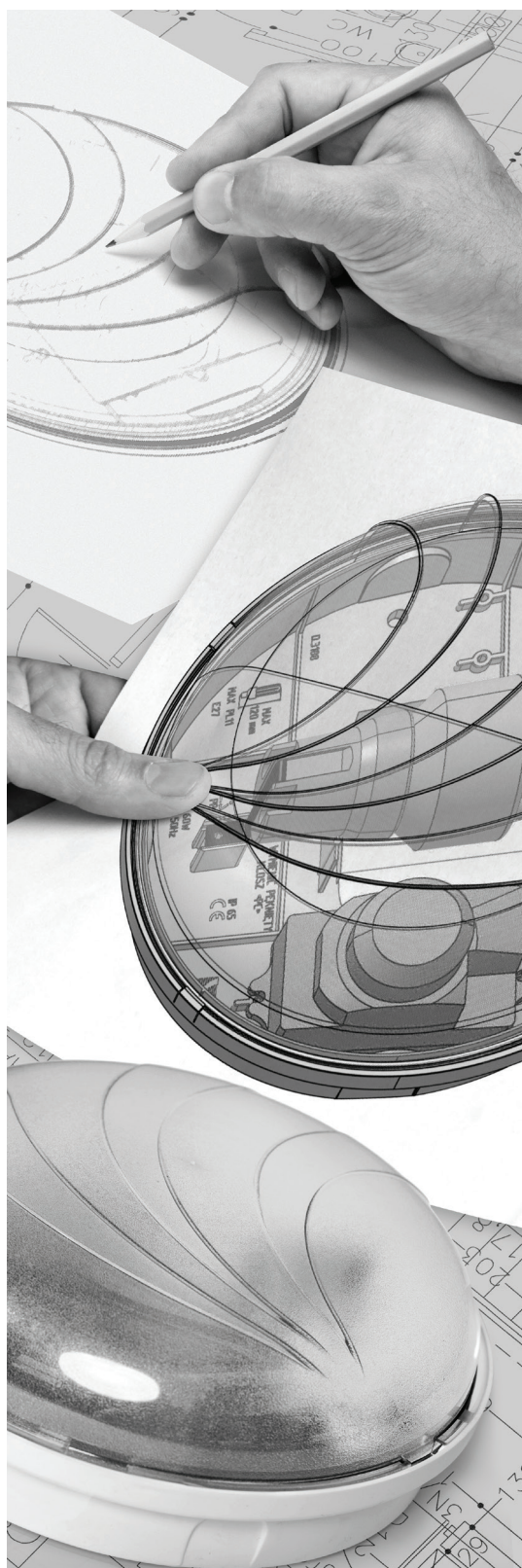
Implemented in 2002, the Quality Management System complies with the requirements of EN ISO 9001:2015 contributes to an increase in the quality of services and raises the level of customer satisfaction. The certificate applies to the production and distribution of electrical installation products.

## Reliable supplier domestically and abroad

PAWBOL Sp. z o. o. cooperate with Business Partners across the country and Europe. Domestic sales are carried out by the sales department which currently employs more than 20 people working in filedwork and stationary. With experienced staff, its own logistic fleet and cooperation with trusted shipping companies, deliveries are carried out efficiently and in a short time.

For several years, the PAWBOL company gradually expanding its operates into foreign markets and increases sales volumen on them. Currently PAWBOL exports its products to 31 countries.

# From idea to final product - 30 years in electrical installation branch



2023/8



We are pleased to present to you a new product catalogue.

We believe that it will meet your expectations, providing a wide range of information about the offered assortment. We are convinced that the blue logo will establish you in the belief of the right choice and will be a symbol of Polish manufacturer of high quality electrical installation equipment delivered on time at a competitive and attractive price.

Board and Staff of the PAWBOL Sp. z o. o.

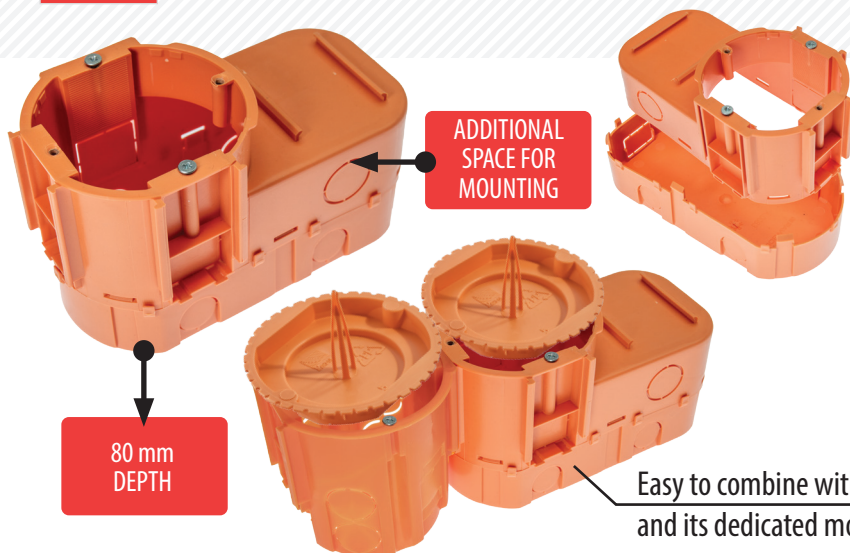


<b>A</b>	Mounting boxes	4
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# Mounting boxes

## A.0083 - Standard series to 650°C, flush mounting, deep, junction, with screws, for electronics

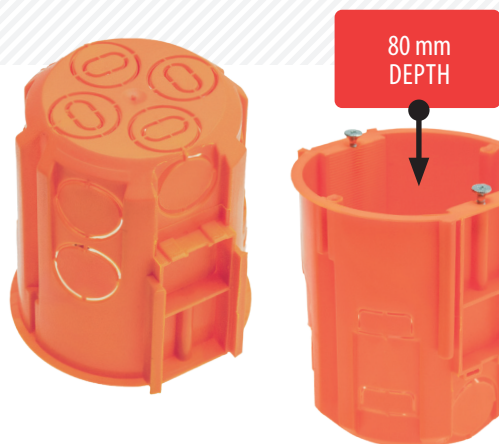
NEW



- ✓ **Possibility of mounting wifi smart home switches**
- ✓ Possibility of installation on TH35 rail
- ✓ Ideal for mounting electronics
- ✓ Rigid, divided construction
- ✓ High quality
- ✓ Easy installation of sockets and switches
- ✓ Many places for cable insertion

Easy to combine with the box A.0080 and its dedicated mounting cover A.0057

## A.0080 - Standard series to 650°C, flush mounting, deep, junction, with screws



- ✓ **greater depth**
- ✓ quick assembly into sets
- ✓ convenient installation of sockets and connectors
- ✓ multiple places for cable entry
- ✓ more mounting space
- ✓ high-quality workmanship



## A.0081K - Junction boxes for gypsum walls, windproof, deep with screws



- ✓ **comfortable mounting**
- ✓ auto-matching of flexible passages while indicating elements of installation
- ✓ tool-free assembly of wires and pipes
- ✓ **windproof membranes** - lower energy requirements of the building
- ✓ less moisture ingress
- ✓ solution dedicated to passive houses and traditional construction



## Standard series to 650°C, flush mounting, normal

PP

Norm: PN-EN 60670-1

PK60 lux



■ A.0001A
■ A.0001AP
650°

Ø63mm
C 40mm
D 60mm
IP30
# 100

Remarks:

PK60 lux with screws



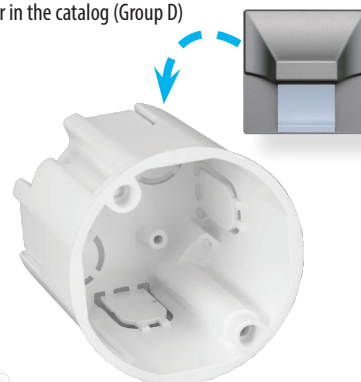
■ A.0002
■ A.0002P
650°

Ø63mm
C 40mm
D 60mm
IP30
# 100

Remarks:

PK50 flush mounting

Boxes Ø50 (A.0055 and A.0056) are perfect for mounting STARS LINE LED series by PAWBOL. Full range of decorative STARS LINE LED lights series later in the catalog (Group D)



■ A.0055

Ø50mm
C 55mm
IP30
ABS
# 50

Remarks: for LED lamps  
Norm: PN-EN 60670-1

## Standard series to 650°C, flush mounting, normal

PP

Norm: PN-EN 60670-1

PK60



■ A.0001

Ø63mm
C 40mm
IP30
650°
# 100

Remarks:

P080



■ A.0004
650°

Ø84mm
C 44mm
IP30
PP
# 90

Remarks: Norm: PN-EN 60670-1





# Mounting boxes

Standard series to 650°C, flush mounting, junction

IP30

PP

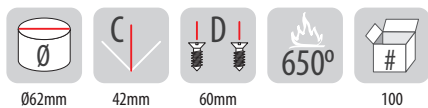
Norm: PN-EN 60670-1

PK60 junction, shallow



A.0005BL

A.0005BLP



Ø62mm

42mm

60mm

650°

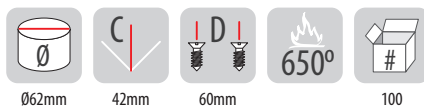
100

PK60 junction, shallow with screws



A.0005L

A.0005LP



Ø62mm

42mm

60mm

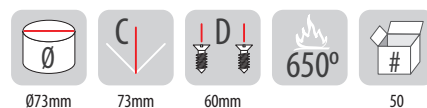
650°

100

Junction, deep with screws



A.0006P/68



Ø73mm

73mm

60mm

650°

50

Junction, deep with screws



A.0080



Ø68mm

81mm

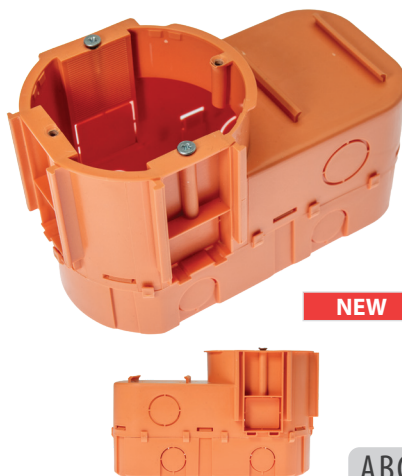
60mm

650°

50

Remarks:

Junction, deep, with screws, for electronic



A.0083

NEW

ABC  
[mm]

81,5 / 136,5 / 74



Ø68mm

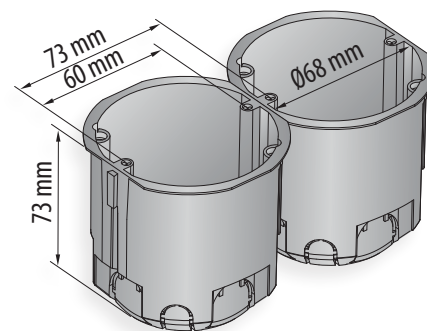
81,5mm

60mm

650°

30

Remarks:



## PK60 lux mounting boxes – deep with screws. New solutions. New quality.

PAWBOL PK 60 lux mounting boxes it's a comfort of installations in all conditions

- » high stiffness enables easier box installation
- » easy to break large culverts allow introduction of a wider range of wires and casing pipes
- » plenty of space for cable routing
- » possibility to combine multiple boxes in a one row (in junction version)
- » stable connection for boxes in junction version - with an additional connection at the top of the can
- » Compatible with lids attached by using screws and ferruls
- » 4 screw slots allow for stable mounting of accessories

Slots for screws for attaching accessories

Additional mountings, stiffening a couple of boxes

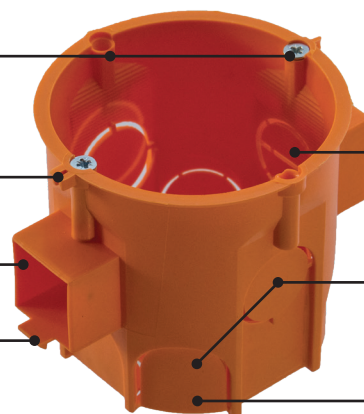
The main mount allows stable connection of many boxes

Safety catch preventing the sliding down of the boxes

Passages inside connectors for easy routing of cable between the connected boxes

Easy to break culverts placed at two levels

Large grommets for easy cable entry



PP

## PK60 lux junction boxes, deep

Norm: PN-EN 60670-1

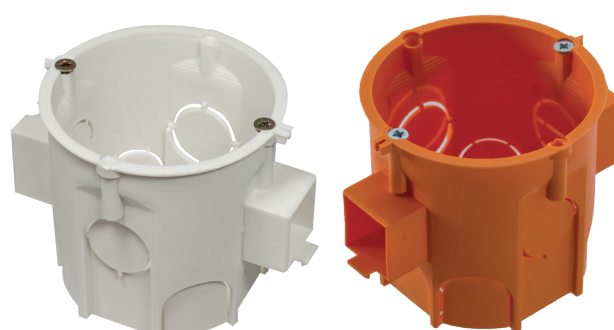
PK60 lux, deep

PK60 lux junction, deep



with screws

without screws



A.0001BL



A.0001BLP



A.0001LD



A.0001LDP



Ø63mm



62mm



60mm



110



650°

Remarks:



A.0006BL



A.0006BLP



A.0006L



A.0006LP



Ø63mm



62mm



60mm



110



650°

Remarks:

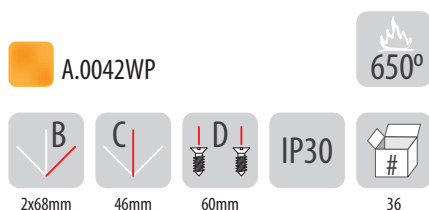
# Mounting boxes

## Standard series to 650°C, flush mounting, n-row

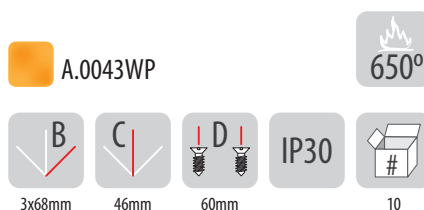
PP

Norm: PN-EN 60670-1

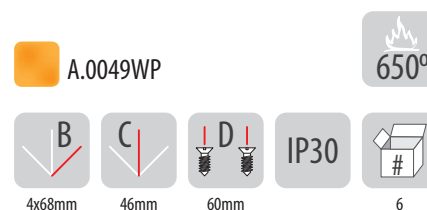
PK60 2-row with screws



PK60 3-row with screws



PK60 4-row with screws

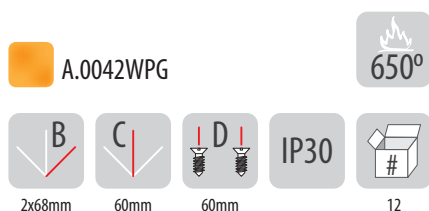


## Standard series to 650°C, flush mounting, n-row, deep

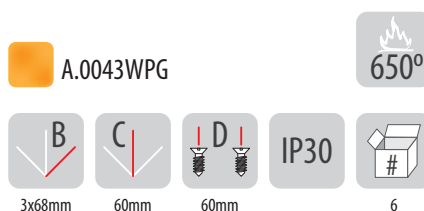
PP

Norm: PN-EN 60670-1

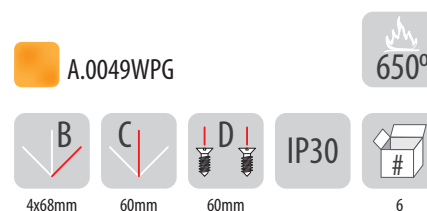
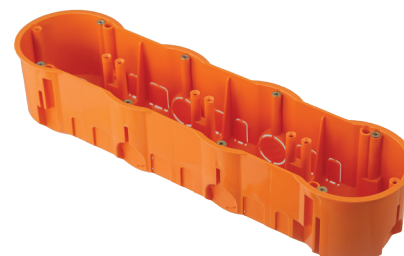
PK60 2-row with screws, deep



PK60 3-row with screws, deep



PK60 4-row with screws, deep

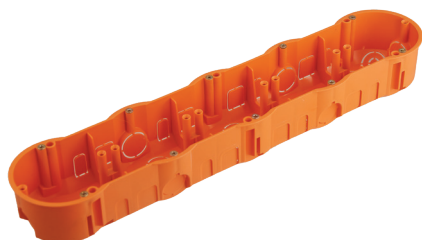




PP

Norm: PN-EN 60670-1

PK60 5-row with screws



A.0048WP

650°

B  
5x68mm

C  
46mm

D  
60mm

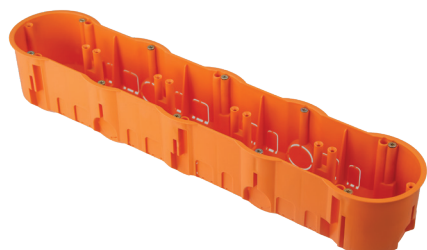
IP30

#  
6

PP

Norm: PN-EN 60670-1

PK60 5-row with screws, deep



A.0048WPG

650°

B  
5x68mm

C  
60mm

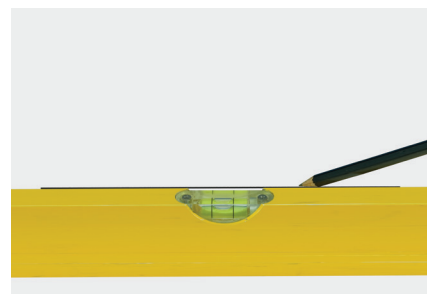
D  
60mm

IP30

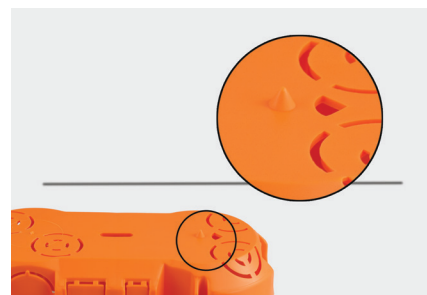
#  
6

## Intuitive installation of multiple boxes

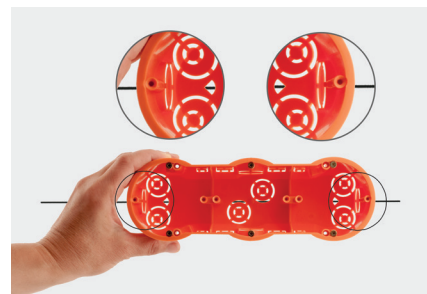
Mark a line on a drywall, in place where you want to install a box.



The lower surface of the multiple boxes contain triangular window indicating the symm line of the box. Underside of the box also have small pins - markers - used to designate the center of the drilling.



Place the box to the drawn line, so that the line is visible in the center of the triangular windows located on the underside of the box.



Lightly hit the bottom of the box with the hammer helve. This will make dents on plasterboard in places where are the marks for drilling. This will dent the plasterboard in places where there are markers of drilling.



Mark clearly the place of drilling and with special bit drill holes into the multiple box.



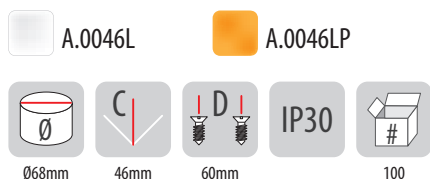
# Mounting boxes

## Standard series to 650°C, for gypsum walls

PP  
PS

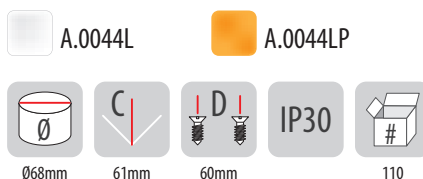
Norm: PN-E-93208:1997

PK60 for gypsum walls



Remarks: Norm: PN-EN 60670-1

PK60 for gypsum walls, deep



Remarks: Norm: PN-EN 60670-1



## Standard series to 650°C, for gypsum walls

PP  
PS

P070 for gypsum walls



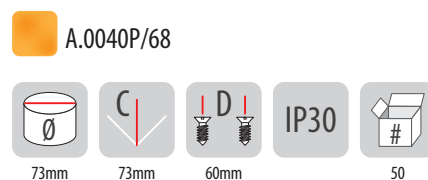
Remarks: Norm: PN-EN 60670-1

P080 for gypsum walls



Remarks: Norm: PN-EN 60670-1

PK60 junction, for gypsum walls, deep, with screws



Remarks:

PP  
PS

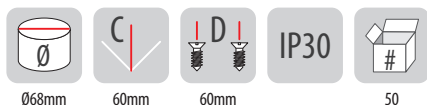
Norm: PN-E-93208:1997

## Junction boxes for gypsum wall

PK60 junction, for gypsum walls, deep



A.0040 A.0040P



Remarks:

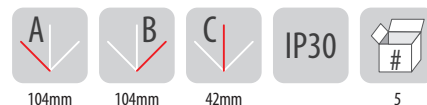


Example of installation: two junction boxes  
A.0040P assembled using couplers  
A.0050

PO 100x100x40 for gypsum walls



A.0045 A.0045P



Remarks:  
Norm: PN-EN 60670-1

## Junction boxes for gypsum walls

PK50 for gypsum walls for led lamps



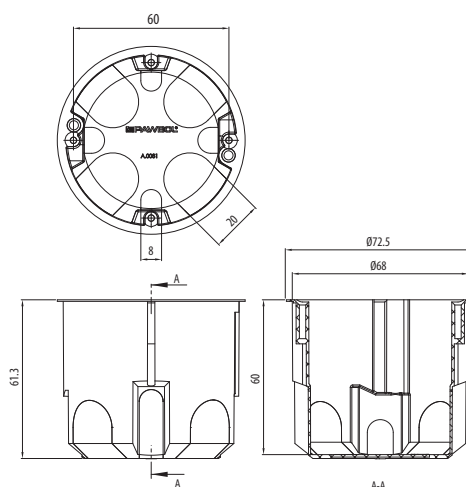
A.0056

650°

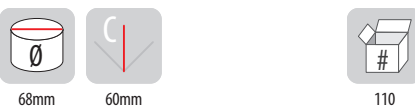


Remarks: for LED lamps  
Norm: PN-EN 60670-1

## Junction boxes for gypsum walls, windproof, deep with screws



A.0081K



Norm: PN-EN 60670-1





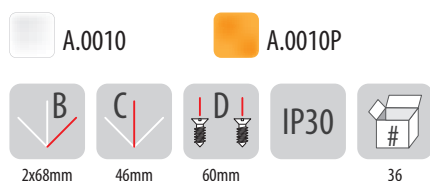
# Mounting boxes

Standard series to 650°C, for gypsum walls, n-row

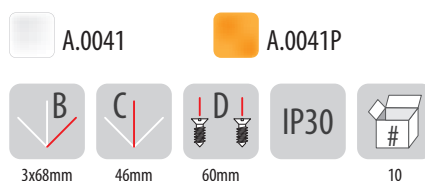
PP

Norm: PN-EN 60670-1

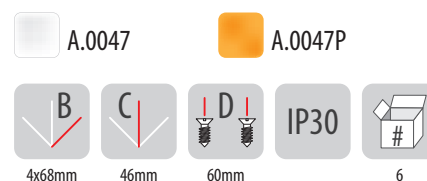
PK60 2-row with screws



PK60 3-row with screws



PK60 4-row with screws

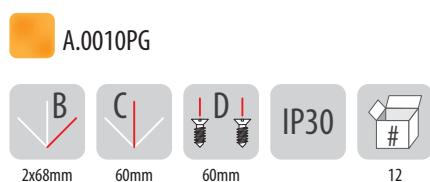


Standard series to 650°C, for gypsum walls, n-row, deep

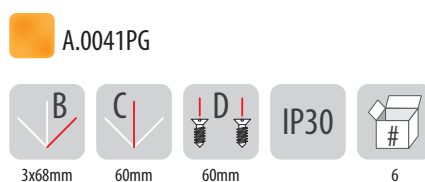
PP

Norm: PN-EN 60670-1

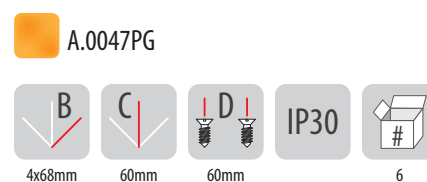
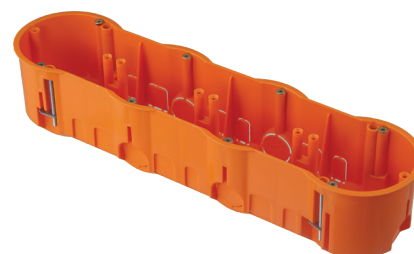
PK60 2-row with screws



PK60 3-row with screws, deep



PK60 4-row with screws, deep



PP

Norm: PN-EN 60670-1

PK60 5-row with screws



A.0048

A.0048P

B  
5x68mm

C  
46mm

D  
60mm

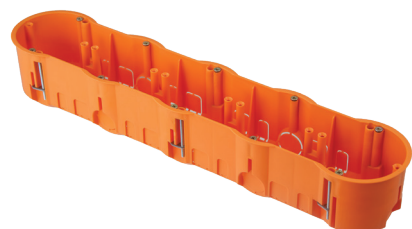
IP30

6

PP

Norm: PN-EN 60670-1

PK60 5-row with screws, deep



A.0048PG

B  
5x68mm

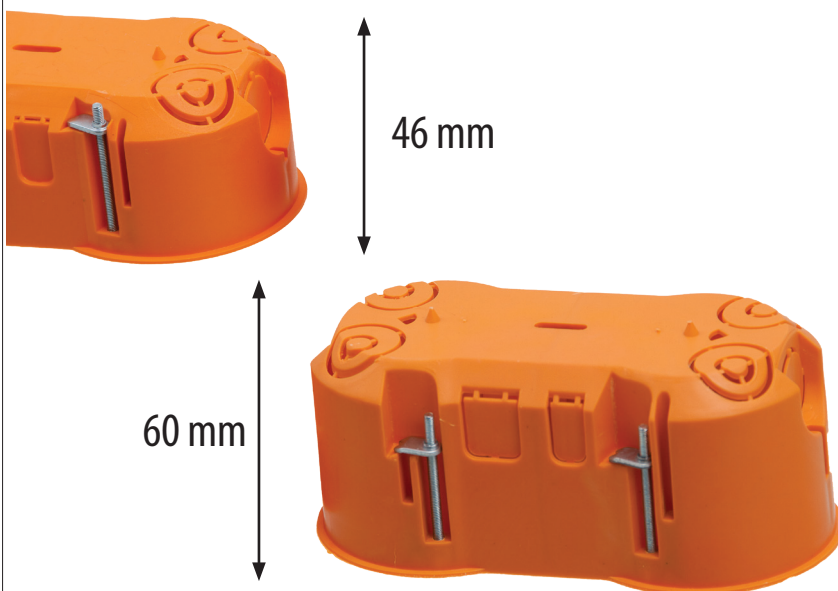
C  
60mm

D  
60mm

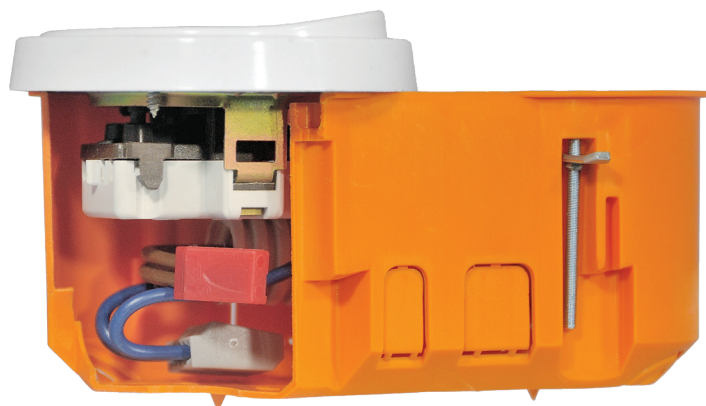
IP30

6

Mounting boxes for gypsum walls, n-row – shallow and deep



You can see the difference! More space = more convenient installation!



Boxes for gypsum walls have special screws with hooks that allow you to much faster twisting the fixing catch in the wall.

In addition, these boxes have a special collar around the body that facilitates boxes assembly to the gypsum wall



# Mounting boxes



## RED SERIES - HALOGEN FREE BOXES

Series of halogen-free mounting boxes meets the requirements of the PN-EN 60670-1

Features of halogen-free boxes in a red series:

- » **Halogen-free** - means that the product does not contain harmful elements such as chlorine, fluorine or bromine.
- » **Flame retardancy** - means that after the cessation of fire, box automatically goes out, moreover, in case of fire, boxes do not transmit the flames.

Why is this so important?

During a fire, building materials made of polymer, give off gases as a result of the decomposition of these materials. Extremely dangerous are the halogen gas derivatives, especially hydrogen chloride, which in contact with water transforms to hydrochloric acid. These gases pose a very serious threat to the health and life of humans, and have negative impact for the structure of buildings in the fire zone and adjacent areas.

The harmful gases are moving to threatened places via air ducts, chimneys and cable channels.

This threat is particularly important in public buildings, such as office buildings, supermarkets, railway stations or schools.



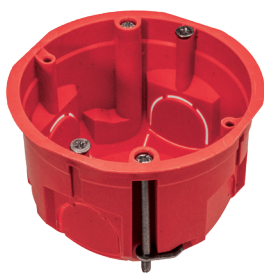
PP

PP-flame retardant

Norm: PN-EN 60670-1 Remarks: self-extinguishing

## Halogen free series to 850°C, for gypsum walls

PK60 for gypsum walls



 A.0046LA



Ø68mm



46mm



60mm



IP30



50

Remarks:

PK60 for gypsum walls, deep



 A.0044LA



Ø68mm



61mm



60mm



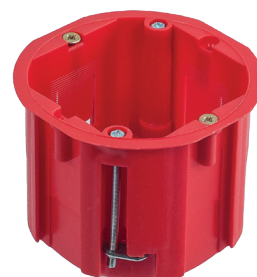
IP30



110

Remarks:

PK60 junction, for gypsum walls, deep



 A.0040A



Ø68mm



60mm



60mm



IP30



50

Remarks:



# Mounting boxes

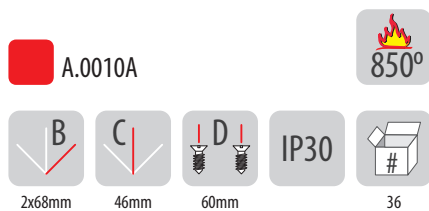
## Boxes for gypsum wall, n-row, halogen free

PP

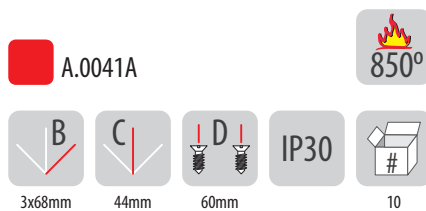
PP-flame retardant

Norm: PN-EN 60670-1 Remarks: self-extinguishing

PK60 2-row for gypsum walls



PK60 3-row for gypsum walls



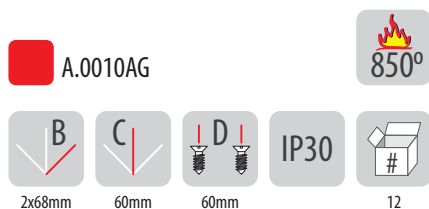
## Boxes for gypsum wall, n-row, halogen free, deep

PP

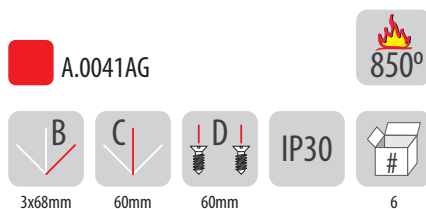
PP-flame retardant

Norm: PN-EN 60670-1 Remarks: self-extinguishing

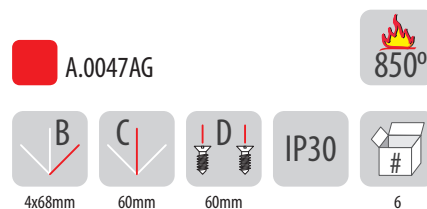
PK60 2-row for gypsum walls, deep



PK60 3-row for gypsum walls, deep



PK60 4-row for gypsum walls, deep



PP

PP-flame retardant

Norm: PN-EN 60670-1 Remarks: self-extinguishing

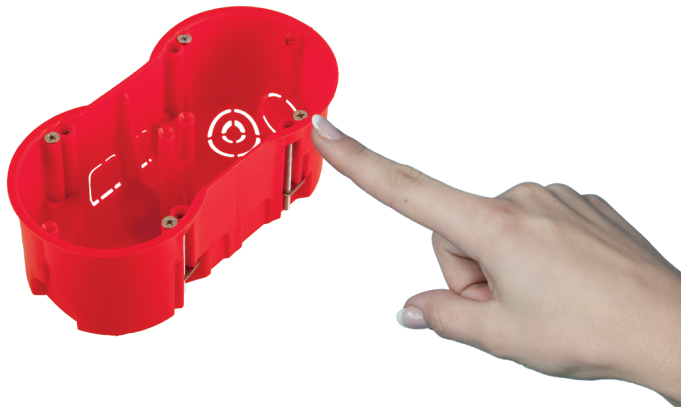
Boxes for gypsum wall, flush mounting, n-row, halogen free



PAWBOL boxes have a special weakness spots with a diameter of Ø20, allowing easy installation of wires using casing pipes



The use of specific markers designating the drilling site, effectively facilitate installation of boxes



Complete product - boxes are equipped with screws for plastics, providing permanent seating of installed accessories

PP

PP-flame retardant

Norm: PN-EN 60670-1 Remarks: self-extinguishing

PK60 5-row for gypsum walls, deep



A.0048AG



5x68mm



60mm



60mm



IP30



6



# Mounting boxes

## Flush mounting and junction boxes

IP30



Norm: PN-EN 60670-1



Universal junction box UK1



 A.UK1-S



Ø72mm



46mm



60mm



PVC



150

Remarks:

Universal junction box UK1, deep



 A.UK1-SH



Ø72mm



66mm



60mm



PVC



100

Uwagi / remarks:

## Flush mounting and junction boxes

IP30



Norm: PN-EN 60670-1



Junction box KUP68 deep with screws



 KUP68H-2XXS



Ø72mm



72mm



60mm



PA



50

Remarks:

Junction box KUP68 deep without screws



 KUP68H-2XX



Ø72mm



72mm



60mm



PA



50

Remarks:



IP30



Norm: PN-EN 60670-1

## Flush mounting and junction boxes

Junction box KUP68 with screws



KUP68-02



Ø72mm



46mm



60mm



PA



90

Remarks:

Terminal strips for KUP68 electro-installation mounting box, LZ 4x4 mm<sup>2</sup>



E.6801



56,2/18,6/56,2



32



500



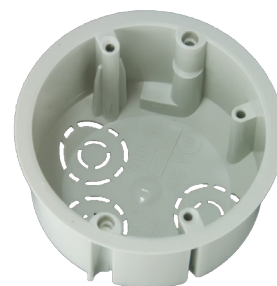
4



1

Remarks: Norm: PN-EN 60947-7-1, available colours: gray RAL7035, black, thermoplastic

Junction box KUP68 without screws



KUP68-01



Ø72mm



46mm



60mm



PA



90

Remarks:



PA

IP30

PA - self-extinguishing

Norm: PN-EN 60670-1 Remarks: self-extinguishing

## Halogen free boxes, for gypsum walls

Box KUP68 for gypsum walls



A.KUP68-01



Ø72mm



46mm



60mm



90

Remarks:

Box KUP68 for gypsum walls deep with screws



A.KUP68H-231



Ø72mm



72mm



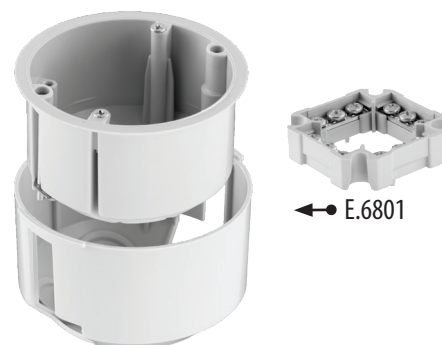
60mm



90

Remarks:

Box KUP68 for gypsum walls with special added outer sheat



A.KUP68-01-DV



78mm



52mm



60mm



90

Remarks:



E.6801

# Mounting boxes

## Flush mounting boxes

PS

cover

PP

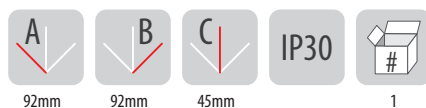
box

Norm: PN-EN 60670-1

Flush mounting boxes 92x92x45



 OL 10001

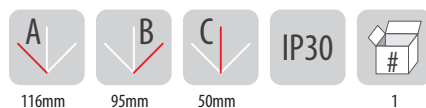


Remarks:

Flush mounting boxes 116x95x50



 OL 10002

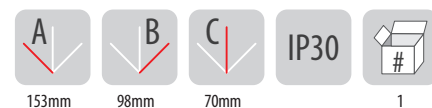


Remarks:

Flush mounting boxes 153x98x70



 OL 10003

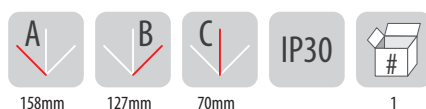


Remarks:

Flush mounting boxes 158x127x70



 OL 10004

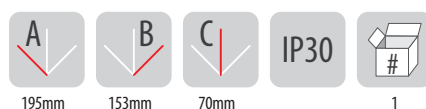


Remarks:

Flush mounting boxes 195x153x70



 OL 10005

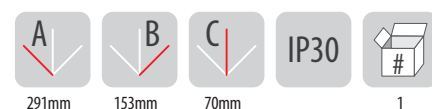


Remarks:

Flush mounting boxes 291x153x70



 OL 10006

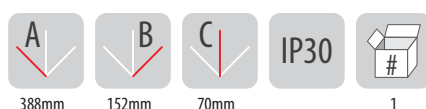


Remarks:

Flush mounting boxes 388x152x70



 OL 10007

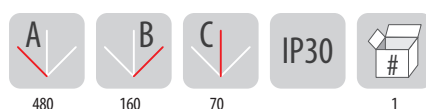


Remarks:

Flush mounting boxes 480x160x70



 OL 10008



Remarks:

OL 10004 inside



## Facing wall boxes - P type

PP

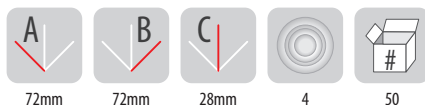
Norm: PN-EN 60670-1

P-2 with connection 4 x 2,5 mm<sup>2</sup>



A.0017

IP44



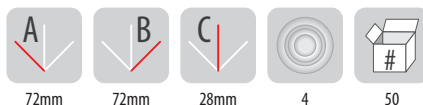
Remarks: inside dimensions  
gland hole diameter: 20mm

P-2 without terminals



A.0016

IP44



Remarks: inside dimensions  
gland hole diameter: 20mm

## Facing wall, hermetic boxes

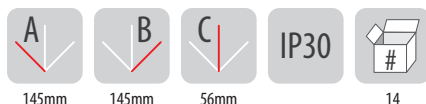
Norm: PN-EN 60670-1

POI-28 without terminals



A.0011

IP30



Remarks: Colour : RAL7035, IP30, Material: PP  
gland hole diameter: 28mm, inside dimensions



# Mounting boxes

## Facing wall boxes IP54, halogen free series

PP  
ABS

850°

Norm: PN-EN 60670-1

PH 92x92 klik

5 terminals 4mm<sup>2</sup>

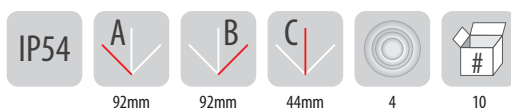
without terminals



A.0020



A.0018



Remarks: gland hole diameter: 21mm

PH 92x92 klik

5 terminals 4mm<sup>2</sup>

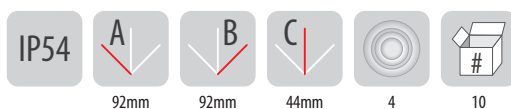
without terminals



A.0020C



A.0018C



Remarks: gland hole diameter: 21mm

PH 92x92 klik

5 terminals 4mm<sup>2</sup>

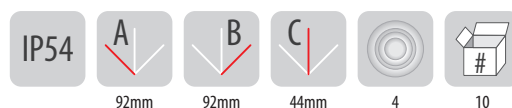
without terminals



A.0020B



A.0018B



Remarks: gland hole diameter: 21mm

PH 92x92 klik

5 terminals 4mm<sup>2</sup>

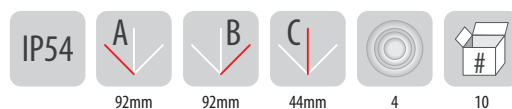
without terminals



A.0020BR



A.0018BR



Remarks: gland hole diameter: 21mm



Quick assembly



Facing wall boxes IP 54 PH 92 x 92 click are registered in the Patent Office as industrial design. The original distinctive shape is generated by a stylized box elements.

Law of Registration No. 14330





PE  
PP

Norm: PN-EN 60670-1

## Facing wall, hermetic boxes

### Hermetic boxes 90x45 klik



### Hermetic boxes 90x90 klik



### Hermetic boxes 90x130 klik



## Facing wall, hermetic boxes

Norm: PN-EN 60670-1

Hermetic boxes: PG16 / 5x4 mm<sup>2</sup> and 27P / 5x6 mm<sup>2</sup> have increased tightness - IP67, so you can use them on the outer walls of buildings exposed to atmospheric factors (rain, cold, etc.)

### Box PG16 / 5x4 mm<sup>2</sup>

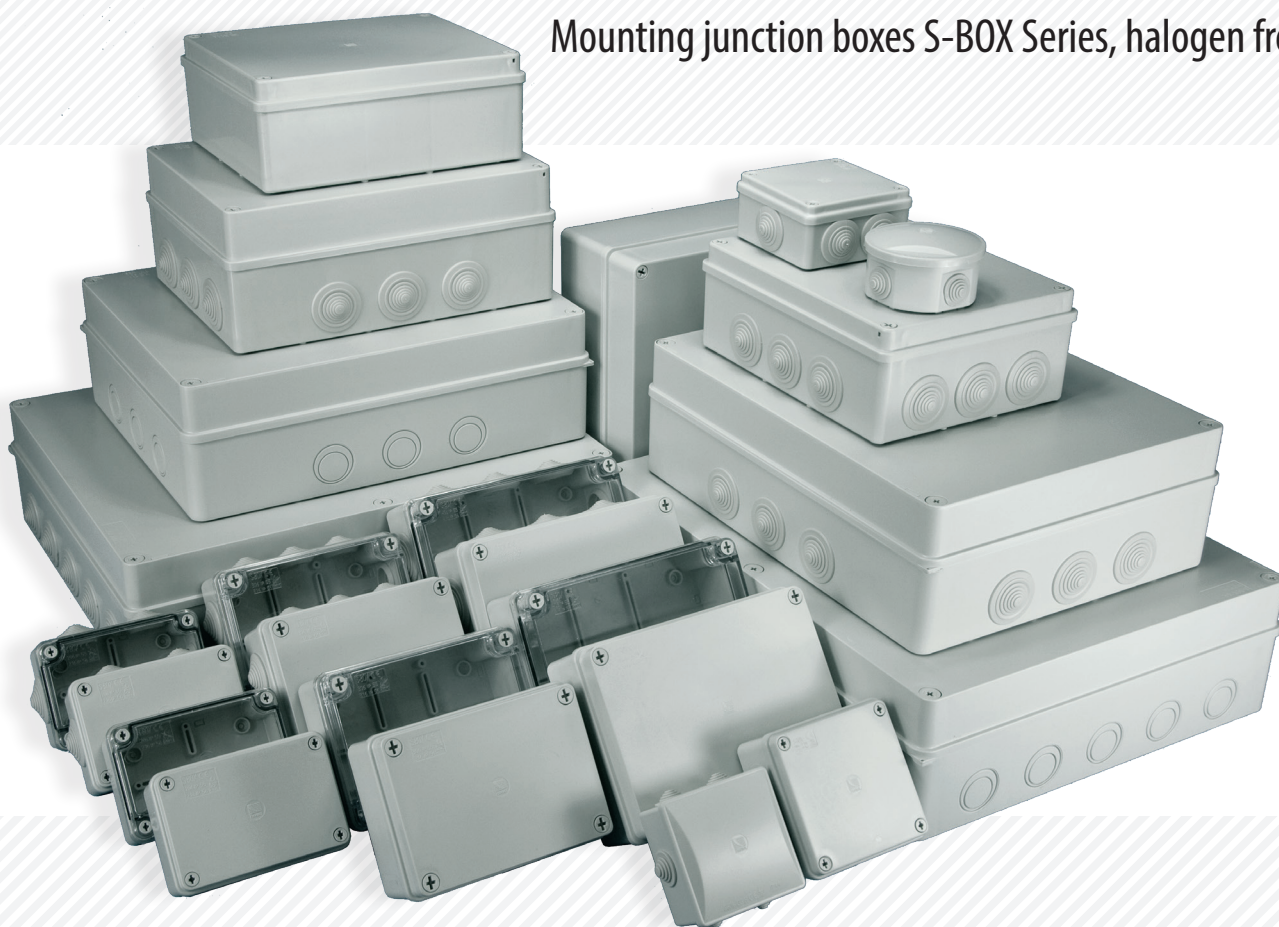


### Box PG21 / 5x6 mm<sup>2</sup>

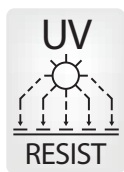


# Mounting boxes

## Mounting junction boxes S-BOX Series, halogen free



- » Easy assembly of electrical and electronic devices thanks to numerous mini pillars inside the box
- » Total resistance against corrosion of boxes, provide used plastic screws, it allows you to mount boxes in areas exposed to moisture
- » High degree of protection IP65 due to sealing up the connection between the cover and the base - with the exception of S-BOX 026 and 036 series - mentioned series have comfortable and quick locking system by clicking up the cover on the box and degree of protection IP44
- » High mechanical and chemical resistance



Selected models  
available in black!

**NEW**

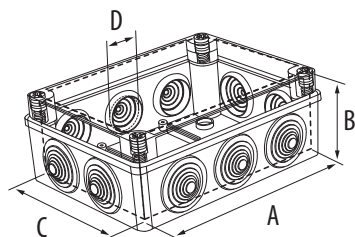
- » Applies to models:  
S-BOX 116C, S-BOX 216C, S-BOX 316C,  
S-BOX 416C, S-BOX 516CZ
- » **Black S-BOX has resistance to UV radiation**



IK08

Norm: PN-EN 60670-1, PN-EN 62208

## Mounting junction boxes S-BOX Series, halogen free



Dimensions A, B, C - are inside dimensions of S-BOX

S-BOX 026 and 036 boxes have a convenient and quick locking system by clicking cover on the box, this provides IP44 protection class.



### S-BOX 80x80x40 klik

Catalogue number	Type	Cover	Colour	Dimensions			Glands	Type of gland	Gland hole diameter	IP	Kind of material	Accessory	Quantity in package
				A [mm]	C [mm]	B [mm]							
S-BOX 026	Ø80x40 klik	opaque	RAL7035	Ø84		40	4	square	22mm, PG 16	IP44	PS/ABS		5
S-BOX 026B	Ø80x40 klik	opaque	white	Ø84		40	4	square	22mm, PG 16	IP44	PS		5
S-BOX 036	80x80x40 klik	opaque	RAL7035	80	80	40	6	square	20mm, PG 13,5	IP44	PS/ABS		10/60
S-BOX 036B	80x80x40 klik	opaque	white	80	80	40	6	square	20mm, PG 13,5	IP44	PS		10/60

NEW



### S-BOX 100x100x50

Catalogue number	Type	Cover	Colour	Dimensions			Glands	Type of gland	Gland hole diameter	IP	Kind of material	Accessory	Quantity in package
				A [mm]	C [mm]	B [mm]							
S-BOX 106	100x100x50 / 6 glands	opaque	RAL7035	100	100	50	6	round	28mm, PG 21	IP65	PS/ABS		1/90
S-BOX 106B	100x100x50 / 6 glands	opaque	white	100	100	50	6	round	28mm, PG 21	IP65	PS/ABS		1/90
S-BOX 116	100x100x50 / without glands	opaque	RAL7035	100	100	50				IP65	PS/ABS		1/90
S-BOX 116B	100x100x50 / without glands	opaque	white	100	100	50				IP65	PS/ABS		1/90
S-BOX 116C	100x100x50 / without glands	opaque	black	100	100	50				IP65	PS/ABS	UV RESIST	1/90

NEW



### S-BOX 120x80x50

Catalogue number	Type	Cover	Colour	Dimensions			Glands	Type of gland	Gland hole diameter	IP	Kind of material	Accessory	Quantity in package
				A [mm]	C [mm]	B [mm]							
S-BOX 206	120x80x50 / 6 glands	opaque	RAL7035	120	80	50	6	round	28mm, PG 21	IP65	PS/ABS		1/120
S-BOX 206B	120x80x50 / 6 glands	opaque	white	120	80	50	6	round	28mm, PG 21	IP65	PS/ABS		1/120
S-BOX 206-P	120x80x50 / 6 glands	transparent	RAL7035	120	80	50	6	round	28mm, PG 21	IP65	PS/ABS/PC		1/120
S-BOX 216	120x80x50 / without glands	opaque	RAL7035	120	80	50				IP65	PS/ABS		1/120
S-BOX 216B	120x80x50 / without glands	opaque	white	120	80	50				IP65	PS/ABS		1/120
S-BOX 216C	120x80x50 / without glands	opaque	black	120	80	50				IP65	PS/ABS	UV RESIST	1/120
S-BOX 216-P	120x80x50 / without glands	transparent	RAL7035	120	80	50				IP65	PS/ABS/PC		1/120

## Mounting junction boxes S-BOX Series, halogen free

IK08



Norm: PN-EN 60670-1, PN-EN 62208

## S-BOX 150x110x70

NEW

Catalogue number	Type	Cover	Colour	Dimensions			Glands	Type of gland	Gland hole diameter	IP	Kind of material	Accessory	Quantity in package
				A [mm]	C [mm]	B [mm]							
S-BOX 306	150x110x70 / 10 glands	opaque	RAL7035	150	110	70	10	round	28mm, PG 21	IP65	PS/ABS		1/50
S-BOX 306B	150x110x70 / 10 glands	opaque	white	150	110	70	10	round	28mm, PG 21	IP65	PS/ABS		1/50
S-BOX 306H	150x110x140 / 10 glands	opaque	RAL7035	150	110	140	10	round	28mm, PG 21	IP65	PS/ABS		1
S-BOX 306-P	150x110x70 / 10 glands	transparent	RAL7035	150	110	70	10	round	28mm, PG 21	IP65	PS/ABS/PC		1
S-BOX 316	150x110x70 / without glands	opaque	RAL7035	150	110	70				IP65	PS/ABS		1/50
S-BOX 316B	150x110x70 / without glands	opaque	white	150	110	70				IP65	PS/ABS		1/50
S-BOX 316C	150x110x70 / without glands	opaque	black	150	110	70				IP65	PS/ABS	UV RESIST	1/50
S-BOX 316H	150x110x140 without glands	opaque	RAL7035	150	110	140				IP65	PS/ABS		1
S-BOX 316-P	150x110x70 / without glands	transparent	RAL7035	150	110	70				IP65	PS/ABS/PC		1

## S-BOX 190x140x70

NEW

Catalogue number	Type	Cover	Colour	Dimensions			Glands	Type of gland	Gland hole diameter	IP	Kind of material	Accessory	Quantity in package
				A [mm]	C [mm]	B [mm]							
S-BOX 406	190x140x70 / 10 glands	opaque	RAL7035	190	140	70	10	round	37mm, PG29	IP65	PS/ABS		1/30
S-BOX 406B	190x140x70 / 10 glands	opaque	white	190	140	70	10	round	37mm, PG29	IP65	PS/ABS		1/30
S-BOX 406H	190x140x140 / 10 glands	opaque	RAL7035	190	110	140	10	round	28mm, PG 21	IP65	PS/ABS		1
S-BOX 406-P	190x140x70 / 10 glands	transparent	RAL7035	190	140	70	10	round	37mm, PG29	IP65	PS/ABS/PC		1
S-BOX 416	190x140x70 / without glands	opaque	RAL7035	190	140	70				IP65	PS/ABS		1/40
S-BOX 416B	190x140x70 / without glands	opaque	white	190	140	70				IP65	PS/ABS		1/40
S-BOX 416C	190x140x70 / without glands	opaque	black	190	140	70				IP65	PS/ABS	UV RESIST	1/40
S-BOX 416H	190x140x140 without glands	opaque	RAL7035	190	140	140				IP65	PS/ABS		1
S-BOX 416-P	190x140x70 / without glands	transparent	RAL7035	190	140	70				IP65	PS/ABS/PC		1

Sealing possibilities

NEW

## S-BOX 240x190x90

Catalogue number	Type	Cover	Colour	Dimensions			Glands	Type of gland	Gland hole diameter	IP	Kind of material	Accessory	Quantity in package
				A [mm]	C [mm]	B [mm]							
S-BOX 506	240x190x90 / 12 glands	opaque	RAL7035	240	190	90	12	round	37mm, PG29	IP65	PS/ABS		1/20
S-BOX 516	240x190x90 / without glands	opaque	RAL7035	240	190	90				IP65	PS/ABS		1/20
S-BOX 516B	240x190x90 / without glands	opaque	white	240	190	90				IP65	PS/ABS		1/20
S-BOX 516CZ	240x190x90 / without glands	opaque	black	240	190	90				IP65	PS/ABS	UV RESIST	1/20
S-BOX 516-P	240x190x90 / without glands	transparent	RAL7035	240	190	90				IP65	PS/ABS/PC		1

Sealing possibilities





IK08

## Mounting junction boxes S-BOX Series, halogen free

Norm: PN-EN 60670-1, PN-EN 62208



### S-BOX 300x220x120

Catalogue number	Type	Cover	Colour	Dimensions			Glands	Type of gland	Gland hole diameter	IP	Kind of material	Accessory	Quantity in package
				A [mm]	C [mm]	B [mm]							
S-BOX 606	300x220x120 / 12 glands	opaque	RAL7035	300	220	120	12	round	37mm, PG29	IP65	PS/ABS		1/10
S-BOX 616	300x220x120 / without glands	opaque	RAL7035	300	220	120				IP65	PS/ABS		1/10

Sealing possibilities



### S-BOX 380x300x120

Catalogue number	Type	Cover	Colour	Dimensions			Glands	Type of gland	Gland hole diameter	IP	Kind of material	Accessory	Quantity in package
				A [mm]	C [mm]	B [mm]							
S-BOX 706	380x300x120 / 12 glands	opaque	RAL7035	380	300	120	12	round	37mm, PG29	IP65	PS/ABS		1/5
S-BOX 716	380x300x120 / without glands	opaque	RAL7035	380	300	120				IP65	PS/ABS		1/5

Sealing possibilities



### S-BOX 460x380x120

Catalogue number	Type	Cover	Colour	Dimensions			Glands	Type of gland	Gland hole diameter	IP	Kind of material	Accessory	Quantity in package
				A [mm]	C [mm]	B [mm]							
S-BOX 806	460x380x120 / 18 glands	opaque	RAL7035	460	380	120	18	round	37mm, PG29	IP65	PS/ABS		1/5
S-BOX 816	460x380x120 / without glands	opaque	RAL7035	460	380	120				IP65	PS/ABS		1/5

Sealing possibilities



Catalogue number	Type	Cover	Colour	Dimensions			Glands	Type of gland	Gland hole diameter	IP	Kind of material	Accessory	Quantity in package
				A [mm]	C [mm]	B [mm]							
OL20043	250x200x160	opaque	RAL7035	250	200	160				IP56	ABS		1
012.CA.G	310x230x160	opaque	RAL7035	310	230	160				IP56	ABS		1

## Spare screws for S-BOX / distribution box

Catalogue number	Type	to S-BOX	to distribution box	Length	Color
PA117502B	small screw	106, 116, 206, 216	-	2 cm	white
PA117502CZ	small screw	106, 116, 206, 216	-	2 cm	black
PA117502SZ	small screw	106, 116, 206, 216	-	2 cm	gray
PA1175035B	small screw	106, 116, 206, 216	-	3,5 cm	white
PA1175035CZ	small screw	106, 116, 206, 216	-	3,5 cm	black
PA1175035SZ	small screw	106, 116, 206, 216	-	3,5 cm	gray

Catalogue number	Type	to S-BOX	to distribution box	Length	Color
PA121503B	medium screw	306, 316, 406, 416, 506, 516		3 cm	white
PA121503CZ	medium screw	306, 316, 406, 416, 506, 516		3 cm	black
PA121503SZ	medium screw	306, 316, 406, 416, 506, 516		3 cm	gray
PA121504B	medium screw	306, 316, 406, 416, 506, 516		4 cm	white
PA121504CZ	medium screw	306, 316, 406, 416, 506, 516		4 cm	black
PA121504SZ	medium screw	306, 316, 406, 416, 506, 516		4 cm	gray
PA124A50SZ	medium/long screw	606, 616		5 cm	gray
PA12635S2	small screw	706, 716, 806, 816		3,5 cm	gray
PA12650S2	long screw		380, 382, 460	5 cm	gray

# Mounting boxes

## Accessories for mounting boxes



A.0050

Short adapter to A.0040

Remarks: Distance between centers of junctions:  
71 mm

50



A.0037

Cover for boxes P070



79mm

100



A.0038

Cover for boxes P080



90mm

100



A.0039

General purpose cover



90mm

100



A.0054

Cover for boxes PK60/PK60 lux



81mm

100



A.0062

Distance ring for PK60 - low



60mm

12mm

50



A.0061

Distance ring for PK60 - high



60mm

24mm

50



A.0053

Installation cover Ø60



60mm

50



A.0057

Installation cover Ø68



68mm

50

## Box for grounding connector



80-150 mm ♦

R.8145

R.8145S



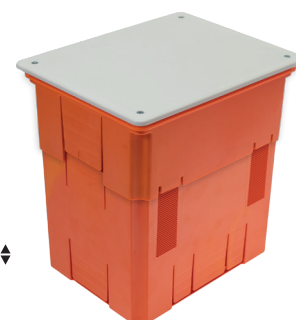
79-141 mm ♦

R.8144



83-145 mm ♦

R.8144D



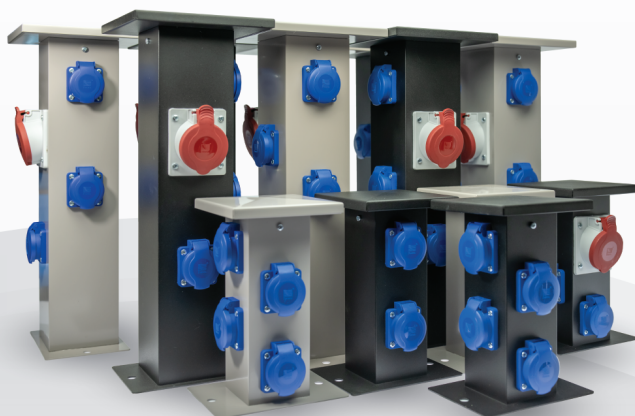
149-210 mm ♦

R.8147

Detailed information available in  
the R Group - Lightning installation

## Column distribution board - **NEW VERSION!** Made of 2 mm aluminium plate!

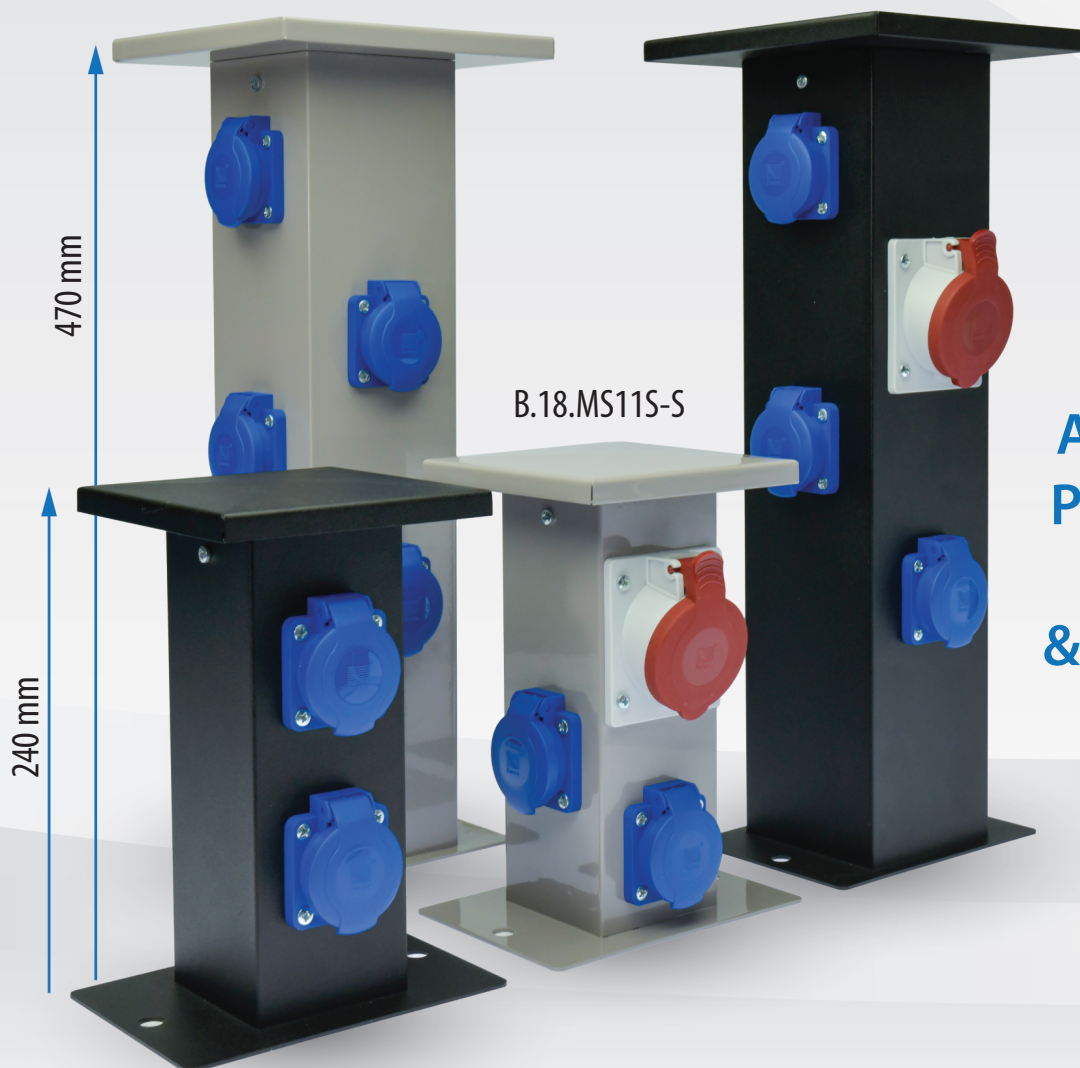
2 COLOR VERSION: RAL9005 - BLACK, RAL7036 - GREY



- Many standard version
- Available socket versions:  
380V: 16A/5p, 16A/4p, 32A/5p  
GZ 250V/16A: IP54, IP67
- Protection class: 1  
Power supply must have adequate short-circuit protection and residual current 30mA

B.18.DS03S-S

B.18.DS01C-S



**AESTHETIC  
PRACTICAL  
LIGHT  
& DURABLE**

B.18.MS01C-S

More info & configuration data on page 74





# Power equipment, cable extenders

## Cable extenders

### Sockets 250V/16A SCHUKO version!



Norm: PN-EN 61242

Catalogue No.	Wire			Max power - wire rolled-up	Max power - wire unrolled	Dimensions [mm]				IP	Photo
	Length	Type	insulation material			C	B	ØBW	ØBZ		
B.1115-250GZG-20S	20	H05RR-F3x1,5	RUBBER	1000W	3000W	330	140	120	250	44	
B.1115-250GZG-25S	25										
B.1115-250GZG-30S	30										
B.1115-250GZI-20S	20	H05VV-F3x1,5	IGIELIT	1000W	3000W						
B.1115-250GZI-25S	25										
B.1115-250GZI-30S	30										
B.1116-300G-20-S	20	H05RR-F3x1,5	RUBBER	1000W	3000W	390	140	115	300	44	
B.1116-300G-25-S	25										
B.1116-300G-30-S	30										
B.1116-300G-40-S	40										
B.1116-300G-50-S	50										
B.1116-300I-20-S	20	H05VV-F3x1,5	IGIELIT	1000W	3000W						
B.1116-300I-25-S	25										
B.1116-300I-30-S	30										
B.1116-300I-40-S	40										
B.1116-300I-50-S	50										
B.1120-30-S	30	H05RR-F3x1,5	RUBBER	1000W	3000W	390	160	125	328	44	
B.1120-40-S	40										
B.1120-50-S	50										
B.1122-30-S	30	H05RR-F3x2,5	RUBBER	1200W	3600W						
B.1122-40-S	40										
B.1122-50-S	50										
B.1120I-30-S	30	H05VV-F3x1,5	IGIELIT	1000W	3000W						
B.1120I-40-S	40										
B.1120I-50-S	50										
B.1113-30S	30	H05RR-F3x1,5	RUBBER	1000W	3000W	410	150	205	340	44	
B.1113-40S	40										
B.1113-50S	50										
B.1114-30S	30	H05RR-F3x2,5	RUBBER	1200W	3600W						
B.1114-40S	40										
B.1114-50S	50										
B.1411-30S	30	H05VV-F3x1,5	IGIELIT	1000W	3000W						
B.1411-40S	40										
B.1411-50S	50										

All models of Pawbol cable extenders have molded connector plugs







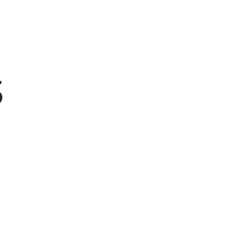


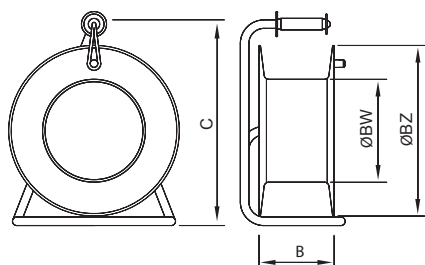
16A/5p 400V Thermal switch ØBZ-340mm

Norm: PN-EN 61316

## Sockets 250V/16A SCHUKO version!

## Cable extenders

Catalogue No.	Length	Wire		insulation material	Max power - wire rolled-up	Max power - wire unrolled	Dimensions [mm]				Photo															
		Type					C	B	ØBW	ØBZ																
B.111015-25-S	25	H05RR-F5x1,5	RUBBER	3000W	6400W	410	150	205	340		<div>IP44</div> <div>16A/5p</div> <div>2xGZ16A</div>															
B.111015-30-S	30																									
B.111015-35-S	35																									
B.111015-40-S	40																									
B.111015-50-S	50																									
B.1110-25S	25	H05RR-F5x2,5		5000W	11000W							410	150	205	340		<div>IP44</div> <div>2x 16A/5p</div> <div>GZ16A</div>									
B.1110-30S	30																									
B.1110-35S	35																									
B.110415-25-S	25	H05RR-F5x1,5																RUBBER	3000W	6400W	410	150	205	340		<div>IP44</div> <div>2x 16A/5p</div> <div>GZ16A</div>
B.110415-30-S	30																									
B.110415-35-S	35																									
B.110415-40-S	40																									
B.110415-50-S	50																									
B.1104-25S	25	H05RR-F5x2,5	5000W	11000W	410	150	205	340		<div>IP55</div> <div>2x 16A/5p</div>																
B.1104-30S	30																									
B.1104-35S	35																									
B.110515-25	25	H05RR-F5x1,5									RUBBER	3000W	6400W	410	150	205	340			<div>IP44</div> <div>2x 16A/5p</div>						
B.110515-30	30																									
B.110515-35	35																									
B.110515-40	40																									
B.110515-50	50																									
B.1105-25	25	H05RR-F5x2,5	5000W	11000W								410	150					205			340		<div>IP44</div> <div>2x 16A/5p</div>			
B.1105-30	30																									
B.1105-35	35																									
B.1107-20	20	H05RR-F5x2,5			RUBBER	5000W	11000W	410	150	205														340		<div>IP55</div> <div>2x 16A/5p</div>
B.1107-25	25																									
B.1107-30	30																									
B.1107-35	35																									



On the customer request,  
cable extenders and empty  
cable reels are available  
in all possible configurations

# Power equipment, cable extenders

## Cable extenders & empty cable reel SOLID LINE Ø480

**Sockets 250V/16A  
SCHUKO version!**



ØBZ=480mm Thermal switch



400V

IP44

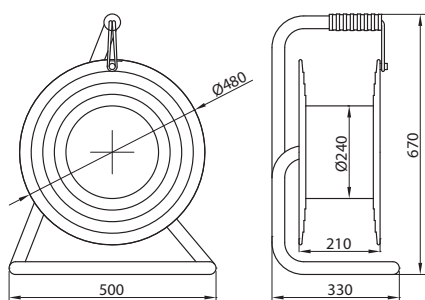
Norm: PN-EN 61316

### Advantages of the SOLID LINE empty cable reels and cable extenders

- » Rubber handle for secure hold
- » Convenient blockade while transporting
- » Solid handle to reel the cable
- » On the customer request, sockets are available in all possible configurations
- » Two circuits - each of them thermally protected
- » Wire type: H07RN-F oil-resistant and flame-retardant (do not maintain the flame)
- » Solid, steel cable reel construction
- » Rack providing stability

### Max possible lengths of the cable

- » 5x10mm<sup>2</sup> - 30 m
- » 5x6mm<sup>2</sup> - 60 m
- » 5x4mm<sup>2</sup> - 60 m
- » 5x2,5mm<sup>2</sup> - 80 m



On the customer request,  
cable extenders and empty cable reels  
are available in all  
possible configurations

### Cable reels dimensions

Catalogue No.	Dimensions [mm]			
	C	B	ØBW	ØBZ
B.1116-300 RT-S	390	140	115	300
B.1115-250 GZRTS	330	140	120	250
B.1120-RS	390	160	125	300
B.1100	410	150	205	340
B.1101-RS				
B.1101-RTS				
B.2001-340RT				
B.1110-340RT-S				
B.1104-340RT-S				
B.2000-340RT-S				
SOLID LINE SERIES	670	210	240	480

Explanatory configurations:			
Cable extenders SOLID LINE	Catalogue No. <b>B.1140-30-S</b> Sockets: 2x16A/5p, 2x250V Thermal protection Max power - wire rolled-up: 5000W Max power - wire unrolled: 11000W  Wire: H07RNF - 5x2,5mm <sup>2</sup> Length: 30 m Plug: 16A/5p	<b>B.1141-15-S</b> (15 m) / <b>B.1141-20-S</b> (20 m) <b>B.1141-25-S</b> (25 m) / <b>B.1141-30-S</b> (30 m) Sockets: 2x32A/5p, 2x250V Thermal protection x2 Max power - wire rolled-up: 2x4000W Max power - wire unrolled: 2x9000W Wire: H07RNF - 5x4mm <sup>2</sup> Length: 30 m Plug: 32A/5p	Catalogue No. <b>B.1142-30-S</b> Sockets: 1x32A/5p 1x16A/5p, 2x250V Thermal protection x2 Max power - wire rolled-up: 2x4000W Max power - wire unrolled: 2x9000W  Wire: H07RNF - 5x4mm <sup>2</sup> Length: 30 m Plug: 32A/5p
Empty cable reels SOLID LINE	Catalogue No. <b>B.3000-470RT-S</b> Sockets: 2x16A/5p, 2x250V Thermal protection	Catalogue No. <b>B.3001-470RT-S</b> Sockets: 2x32A/5p, 2x250V Thermal protection x2	Catalogue No. <b>B.3002-470RT-S</b> Sockets: 1x32A/5p, 1x16A/5p, 2x250V Thermal protection x2

## Sockets 250V/16A SCHUKO version!

## Empty cable reel

Norm: PN-EN 61242

### Empty cable reel



B.1115-250GZRTS

IP44



4x16A/230V



Thermal switch



ØBZ=250mm

### Empty cable reel



B.1116-300RT-S

IP44



4x16A/230V



Thermal switch



ØBZ=300mm

### Empty cable reel, steel



B.1120-RS

IP44



4x16A/230V



Thermal switch



ØBZ=328mm

### Cable reel



B.1100

IP44



ØBZ=340mm

### Empty cable reel



B.1101-RS



4 x GZ16A



ØBZ=340mm

IP44

250V

### Empty cable reel



B.1101-RTS



Thermal switch



4 x GZ16A



ØBZ=340mm

IP44

250V

## Empty cable reel



ØBZ=340mm



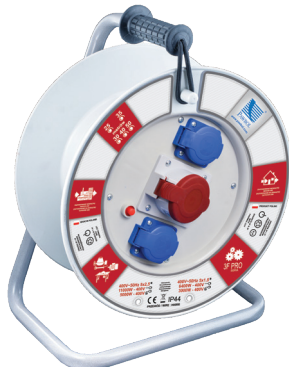
Thermal switch



400V

Norm: PN-EN 61316

B.2000-340RT-S



IP44



1x 32A/5p



2x GZ16A

B.2001-340RT

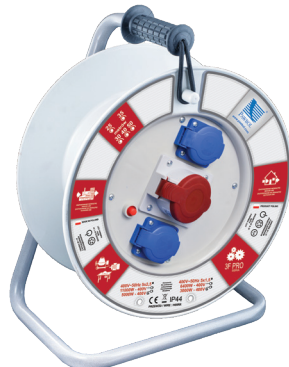


IP44



2x 32A/5p

B.1110-340RT-S



1x 16A/5p

IP44



2x GZ16A

B.1104-340RT-S



2x 16A/5p

IP44



GZ16A



# Power equipment, cable extenders

## GZ-16 Socket with grounding



Norm: PN-IEC 60884-1

### GZ-16



- » Ergonomic, durable, esthetic realization
- » Large opening angle, high force of pressure on the flap
- » Guarantee of stable mounting due to four installation points
- » Protection against accidental contact - all the active elements build-in in cover
- » Reduced screw contacts
- » Special flanges ensure high tightness
- » Sockets are available in French or SCHUKO version

### IP67 Socket GZ-16 with grounding



D.3146

SCHUKO  
D.3146S

IP67



61mm



45mm



70,5mm



16A / 250V



25

Remarks: Standard French or SCHUKO

### IP54 Socket GZ-16 with grounding



D.3153

SCHUKO  
D.3153S

IP54



50mm



40mm



60mm



16A / 250V

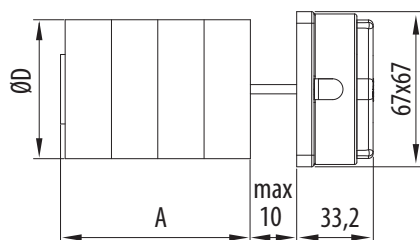


25

Remarks: Standard French or SCHUKO

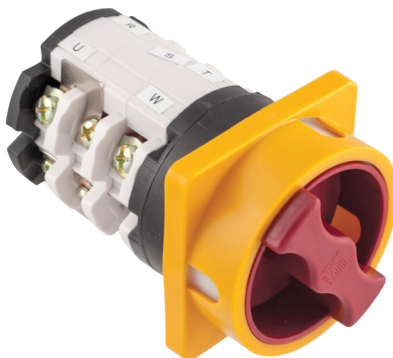
## Cam Switches L-0-P i 0-1

Norm: PN-EN 60947



Dimensions:	B.1020	B.1020-25	B.1021	B.1021-25
A [mm]	81	62,5	65	51,5
ØD [mm]	59	40	59	40

### Cam Switches L-0-P



B.1020

B.1020-25

### Cam Switches 0-1



B.1021

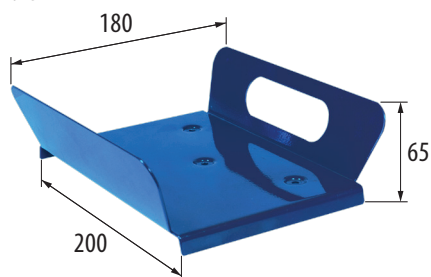
B.1021-25

Type	Cam switches L-0-P 40A	Cam switches L-0-P 25A	Cam switches 0-1 40A	Cam switches 0-1 25A
Rated continuous current	40A	25A	40A	25A
Insulation electric strength	690V	690 V	690V	690 V
Frequency	50 Hz	50 Hz	50 Hz	50 Hz
Category of use	AC23A	AC23A	AC23A	AC23A
Connection Power	14 kW	6,4 kW	14 kW	6,4 kW



## Accessories

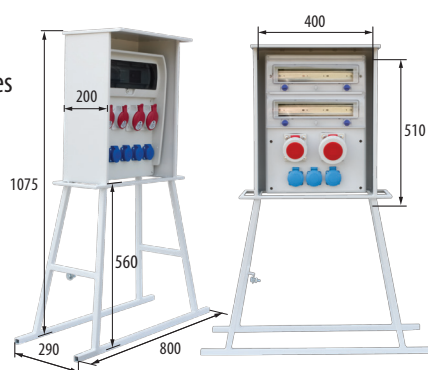
Steel base for the low-voltage distribution boxes,  
small with handle



- » base dedicated to the distribution boxes of R-BOX 240 series
- » base is made of steel sheet with thickness 1,5 mm
- » product painted with epoxy paint - colour RAL 3002
- » product is compliant with norm: PN-EN 61439-1
- » possibility to use the base, as a carrying handle
- » steel bases for distribution boxes are available on sale only with distribution boxes of series R-BOX 240



Steel stand  
for distribution boxes  
Cat. no. B.1516



- » the structure is made of steel profile 20x20x2 mm and steel plate with thickness 1,25 mm
- » powder coated product
- » total height: 1075mm
- » montage surface for distribution box: 400 x 510 mm
- » stand is on sale without and with dedicated models of distribution boxes of series MAX-BOX and R-BOX (without a handle)
- » stand is equipped with a screw for mounting the protective wire PE (earthing)
- » product is compliant with norm: PN-EN 61439-1

Steel stand  
for distribution boxes  
Cat. no. B.1517



- » the structure is made of steel profile 25x25x1,5 and steel plate with thickness 1,5 mm
- » powder coated product RAL 5019
- » total height: 1210 mm
- » montage surface for distribution box: 350 mm x 425 mm
- » stand is on sale without and with dedicated models of distribution boxes of series MAX-BOX and R-BOX
- » stand is equipped with a screw for mounting the protective wire PE (earthing)
- » product is compliant with norm: PN-EN 61439-1

Inspection window S-8



B.S-8

Remarks: IP65, Possibility to control access for unauthorized persons (use of seals), mounted: 4 screws

Inspection window S-4



B.S-4

Remarks: IP65, Possibility to control access for unauthorized persons (use of seals), mounted: 4 screws

Handle to distribution boxes



This product is available only with dedicated distribution boxes in Pawbol Sp. z o.o. offer

Special for distribution boxes R-BOX 190 or R-BOX 300 series

PS0130

# Power equipment, cable extenders

## Connecting equipment - rubber cover socket

250V

Rubber cover socket



■ D.3157L      ■ D.3157SL



Remarks:  
D.3157L - Standard French, D.3157SL - Standard SCHUKO

Rubber cover socket IP65



■ D.3149

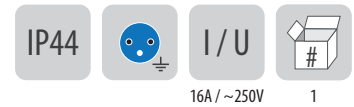


Remarks:

Rubber cover socket



■ D.3157



Remarks:  
D.3157 - Standard French, D.3157S - Standard SCHUKO

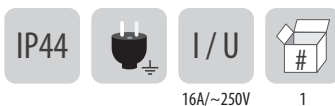
## Connecting equipment - rubber cover plug

250V

Rubber cover plug



■ D.3158L

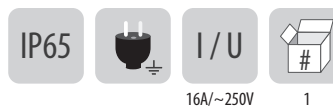


Remarks: Standard UNI-SCHUKO

Rubber cover plug IP65



■ D.3148

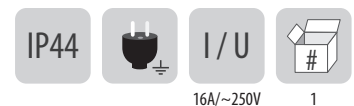


Remarks:

Rubber cover plug



■ D.3158



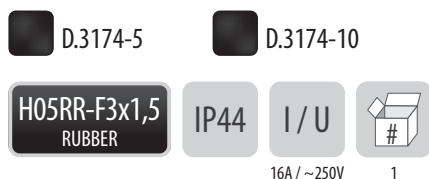
Remarks: Standard UNI-SCHUKO

250V

Norm:

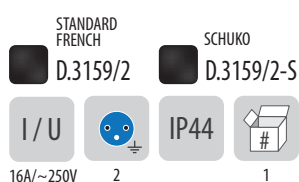
## Connecting wire, 3-way connectors

### 3-way connector with plug and wire

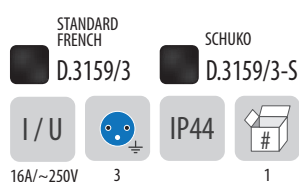


Remarks: Standard French or SCHUKO  
Length: D.3174-5 (5 m), D.3174-10 (10 m)  
Max Power: 3000W

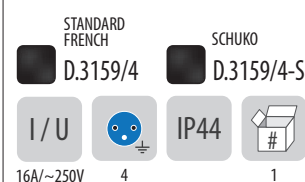
### 2x sockets rubber strip 2x2P+Z



### 3x sockets rubber strip 3x2P+Z



### 4x sockets rubber strip 4x2P+Z



### N x sockets rubber strip 3x2P+Z with wire:



- D.3159/2-3-S Two sockets rubber strip 2x2P+Z with wire 3m
- D.3159/2-5-S Two sockets rubber strip 2x2P+Z with wire 5m
- D.3159/3-3-S Three sockets rubber strip 3x2P+Z with wire 3m
- D.3159/3-5-S Three sockets rubber strip 3x2P+Z with wire 5m
- D.3159/4-3-S Four sockets rubber strip 4x2P+Z with wire 3m
- D.3159/4-5-S Four sockets rubber strip 4x2P+Z with wire 5m

### Three way socket



Remarks:  
D.3156 - Standard French, D.3156S - Standard SCHUKO

## Internal discs 230V

Sockets 250V/16A  
SCHUKO version!



Norm: PN-EN 61242



Norm: PN-EN 61242

# Power equipment, cable extenders

## Three-phase extension lead



On the customer request, three-phase extension lead are available in all possible configurations

Three-phase extension lead  
16A, IP44, 5x2,5 mm<sup>2</sup>



IP44

H05RR-F5x2,5 RUBBER			
B.1134-30	30 [m]	16A/5P	16A/5P
B.1134-40	40 [m]	16A/5P	16A/5P
B.1134-50	50 [m]	16A/5P	16A/5P

Three-phase extension lead  
16A, IP65, 5x2,5 mm<sup>2</sup>



IP65

H05RR-F5x2,5 RUBBER			
B.1134-30_IP65	30 [m]	16A/5P	16A/5P
B.1134-40_IP65	40 [m]	16A/5P	16A/5P
B.1134-50_IP65	50 [m]	16A/5P	16A/5P

Three-phase extension lead  
32A, IP44, 5x4 mm<sup>2</sup>



IP44

H05RR-F5x4 RUBBER			
B.1135-30	30 [m]	32A/5P	32A/5P
B.1135-40	40 [m]	32A/5P	32A/5P
B.1135-50	50 [m]	32A/5P	32A/5P

Three-phase extension lead  
32A, IP65, 5x4 mm<sup>2</sup>



IP65

H05RR-F5x4 RUBBER			
B.1135-30_IP65	30 [m]	32A/5P	32A/5P
B.1135-40_IP65	40 [m]	32A/5P	32A/5P
B.1135-50_IP65	50 [m]	32A/5P	32A/5P

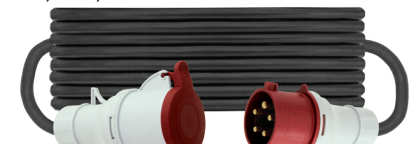
Three-phase extension lead  
63A, IP65, 5x10 mm<sup>2</sup>



IP65

H05RR-F5x10 RUBBER			
B.1137-30	30 [m]	63A/5P	63A/5P
B.1137-40	40 [m]	63A/5P	63A/5P
B.1137-50	50 [m]	63A/5P	63A/5P

Three-phase extension lead  
32A, IP44, 5x6 mm<sup>2</sup>



IP44

H05RR-F5x6 RUBBER			
B.1136-30	30 [m]	32A/5P	32A/5P
B.1136-40	40 [m]	32A/5P	32A/5P
B.1136-50	50 [m]	32A/5P	32A/5P

Three-phase extension lead  
32A, IP65, 5x6 mm<sup>2</sup>



IP65

H05RR-F5x6 RUBBER			
B.1136-30_IP65	30 [m]	32A/5P	32A/5P
B.1136-40_IP65	40 [m]	32A/5P	32A/5P
B.1136-50_IP65	50 [m]	32A/5P	32A/5P



## R-BOX MINI

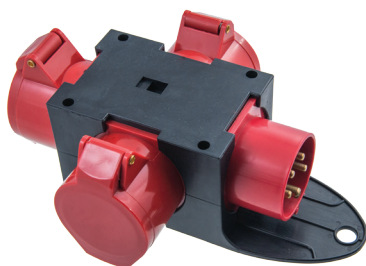
400V

PA



1

Portable Switchgear R-BOX MINI 1



**B.MINI-1**



Remarks: Handle for suspending, Norm: PN-EN 60309-1

Portable Switchgear R-BOX MINI 2



**B.MINI-2**



Remarks: Norm: PN-EN 60309-1

Portable Switchgear R-BOX MINI 3



**B.MINI-3**

**SCHUKO B.MINI-3S**



3x16A/250V



Remarks: Handle for suspending  
Sockets 250V available in French or SCHUKO version  
Norm: PN-EN 60309-1, PN-EN 50250

## MULTI-BOX 12S

**Sockets 250V/16A  
SCHUKO version!**

ABS



1

PN-EN 61439-1, PN-EN 61439-3

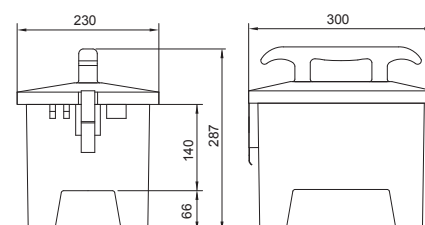


Advantages:

- » Casing material: ABS
- » Versions with rubber connecting cable
- » Versions with receiver plug
- » Casing resistant to UV
- » Modular devices sheltered by cover

Specification:

- » External dimensions: 300 x 230 x 287 mm
- » Norm: PN-EN 61439-1, PN-EN 61439-3
- » Operating Temperature: -25°C - 60°C
- » Protection class: IP 44 / IP65
- » Rated voltage: 400 V
- » Rated current: 40 A
- » Frequency: 50-60 Hz



Catalogue no.	B.MULTI-12S-1-S	B.MULTI-12S-2-S	B.MULTI-12S-3-S	B.MULTI-12S-4-S	B.MULTI-12S-5-S
Input	Wire 0W5x2 mm <sup>2</sup> Length 2 m + plug 32A/5p	Wire 0W5x2 mm <sup>2</sup> Length 2 m + plug 32A/5p	Receiver plug 32A/5p	Wire 0W5x2 mm <sup>2</sup> Length 2 m + plug 32A/5p	Wire 0W5x2 mm <sup>2</sup> Length 2 m + plug 32A/5p
Output	1x32A/5p 2x16A/5p 3x230V	1x32A/5p 3x16A/5p 3x230V	1x32A/5p 2x16A/5p 3x230V	2x32A/5p 2x16A/5p 3x230V	4x16A/5p 3x230V
Protection	C32/3 C16/3 C16/1, 4/40/0,03	C32/3 C16/3 C16/1, 4/40/0,03	C32/3 C16/3 B16/1, 4/40/0,03	C32/3 C16/3 C16/1, 4/40/0,03	C16/3 C16/1, 4/40/0,03

# Power equipment, cable extenders

## R-BOX SLIM

**Sockets 250V/16A  
SCHUKO version!**

IK08



PG16

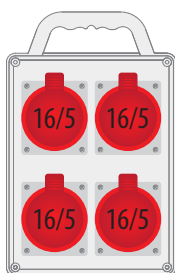
ABS

IP44

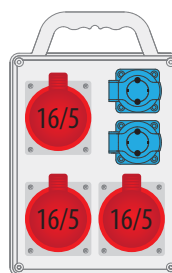


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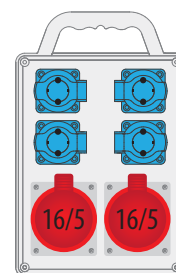
PN-EN 61439-1, PN-EN 61439-3



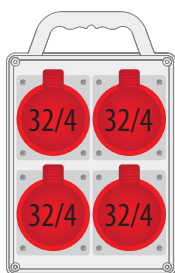
B.SLIM-2



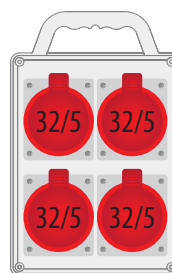
B.SLIM-4-S



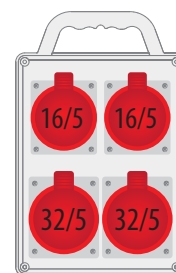
B.SLIM-6-S



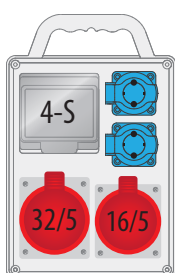
B.SLIM-7



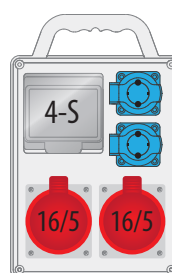
B.SLIM-8



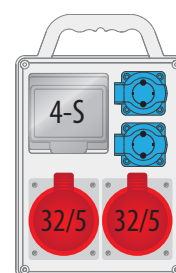
B.SLIM-10



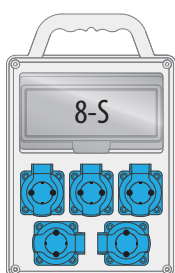
B.SLIM-4S-2-S



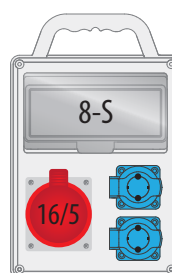
B.SLIM-4S-4-S



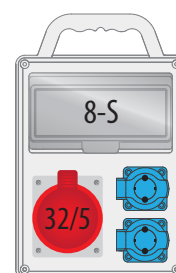
B.SLIM-4S-6-S



B.SLIM-8S-1-S



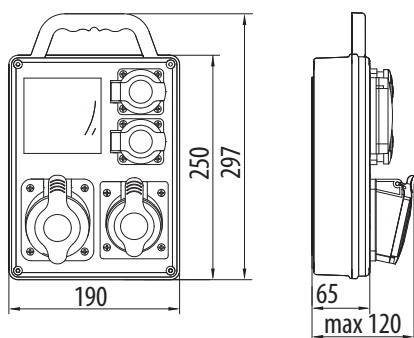
B.SLIM-8S-3-S



B.SLIM-8S-5-S

On the customer request, distribution boxes are available in all possible configurations

B.SLIM-, B.SLIM-4S-, B.SLIM-8S-  
Available in versions with handle  
or without handle!



## R-BOX SLIM

**Sockets 250V/16A  
SCHUKO version!**

IK08



PG16

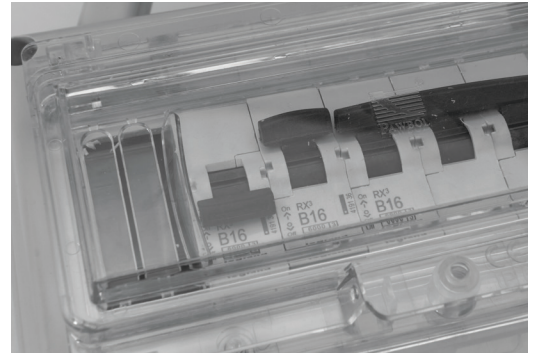
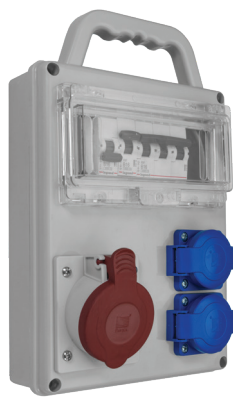
ABS

IP44



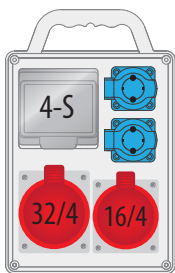
1

PN-EN 61439-1, PN-EN 61439-3



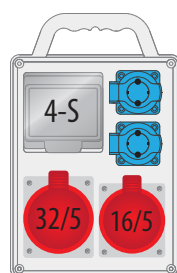
**B.SLIM-4S-1Z-S**

1xM.01-B32/3  
1xM.01-B16/1



**B.SLIM-4S-1ZRP-S**

1xM.02-4/40/0,03



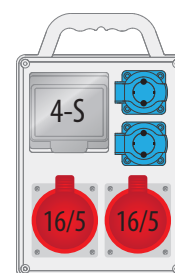
**B.SLIM-4S-2Z-S**

1xM.01-B32/3  
1xM.01-B16/1



**B.SLIM-4S-2ZRP-S**

1xM.02-4/40/0,03



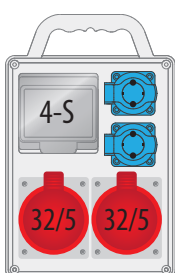
**B.SLIM-4S-4Z-S**

1xM.01-B16/3  
1xM.01-B16/1



**B.SLIM-4S-4ZRP-S**

1xM.02-4/25/0,03



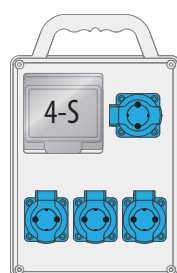
**B.SLIM-4S-6Z-S**

1xM.01-B32/3  
1xM.01-B16/1



**B.SLIM-4S-6ZRP-S**

1xM.02-4/40/0,03



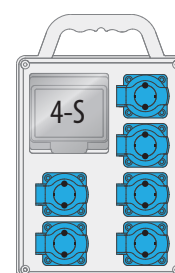
**B.SLIM-4S-7Z-S**

4xM.01-B16/1



**B.SLIM-4S-7ZRP-S**

2xM.01-B16/1  
1xM.02-2/25/0,03



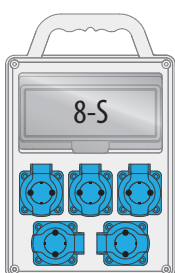
**B.SLIM-4S-8Z-S**

4xM.01-B16/1



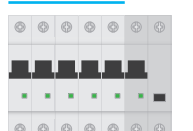
**B.SLIM-4S-8ZRP-S**

2xM.01-B16/1  
1xM.02-2/25/0,03



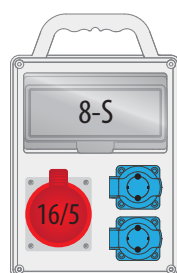
**B.SLIM-8S-1Z-S**

5xM.01-B16/1



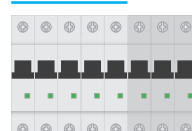
**B.SLIM-8S-1ZRP-S**

5xM.01-B16/1  
1xM.02-2/25/0,03



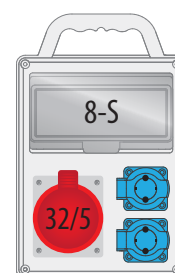
**B.SLIM-8S-3Z-S**

1xM.01-B16/3  
2xM.01-B16/1



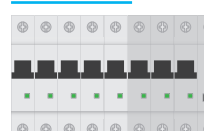
**B.SLIM-8S-3ZRP-S**

1xM.01-B16/3  
1xM.01-B16/1  
1xM.02-4/25/0,03



**B.SLIM-8S-5Z-S**

1xM.01-B32/3  
2xM.01-B16/1



**B.SLIM-8S-5ZRP-S**

1xM.01-B32/3  
1xM.01-B16/1  
1xM.02-4/40/0,03

# Power equipment, cable extenders

## R-BOX SLIM-6

**Sockets 250V/16A  
SCHUKO version!**



PG21

ABS

IP44



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PN-EN 61439-1, PN-EN 61439-3

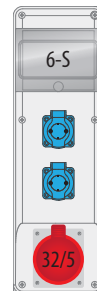


On the customer request, distribution boxes are available in all possible configurations

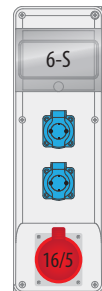
Distribution box R-BOX Series  
- appropriate PG cable gland inside



B.SLIM-6S-1-S



B.SLIM-6S-2-S



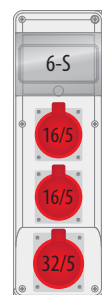
B.SLIM-6S-3-S



B.SLIM-6S-5-S



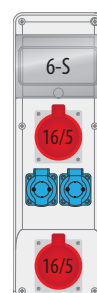
B.SLIM-6S-6



B.SLIM-6S-7



B.SLIM-6S-14-S



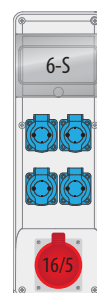
B.SLIM-6S-15-S



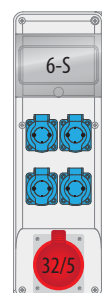
B.SLIM-6S-26-S



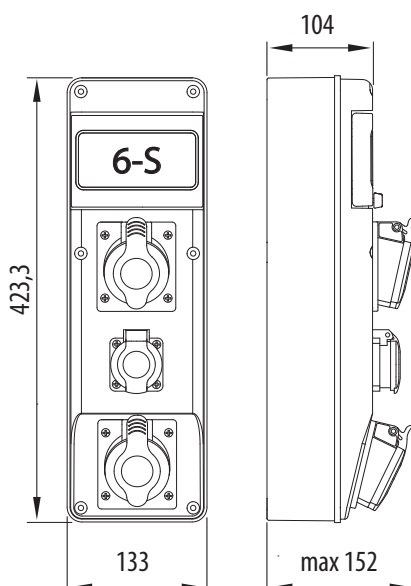
B.SLIM-6S-27



B.SLIM-6S-28-S



B.SLIM-6S-29-S





## R-BOX SLIM-6Z

**Sockets 250V/16A  
SCHUKO version!**



PG21

ABS

IP44



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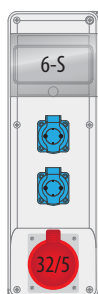
PN-EN 61439-1, PN-EN 61439-3



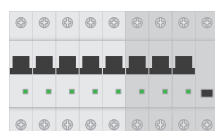
**B.SLIM-6S-1Z-S**  
1xM.01-B32/3  
1xM.01-B16/1



**B.SLIM-6S-1ZRP-S**  
1xM.01-B16/1  
1xM.02-4/40/0,03



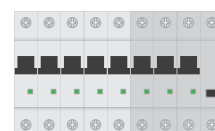
**B.SLIM-6S-2Z-S**  
1xM.01-B32/3  
2xM.01-B16/1



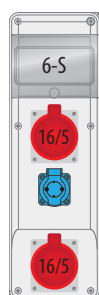
**B.SLIM-6S-2ZRP-S**  
2xM.01-B16/1  
1xM.02-4/40/0,03



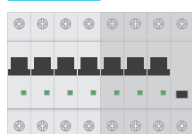
**B.SLIM-6S-3Z-S**  
1xM.01-B16/3  
2xM.01-B16/1



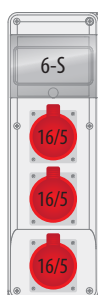
**B.SLIM-6S-3ZRP-S**  
2xM.01-B16/1  
1xM.02-4/25/0,03



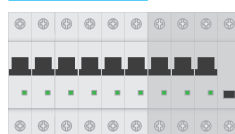
**B.SLIM-6S-5Z-S**  
1xM.01-B16/3  
1xM.01-B16/1



**B.SLIM-6S-5ZRP-S**  
1xM.01-B16/1  
1xM.02-4/40/0,03



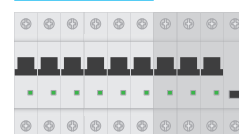
**B.SLIM-6S-6Z**  
2xM.01-B16/3



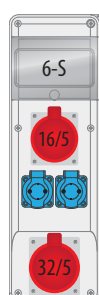
**B.SLIM-6S-6ZRP**  
1xM.02-4/40/0,03



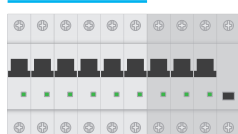
**B.SLIM-6S-7Z**  
1xM.01-B16/3  
1xM.01-B32/3



**B.SLIM-6S-7ZRP**  
1xM.02-4/40/0,03



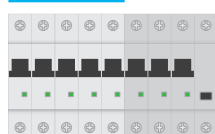
**B.SLIM-6S-14Z-S**  
1xM.01-B32/3  
1xM.01-B16/3



**B.SLIM-6S-14ZRP-S**  
2xM.01-B16/1  
1xM.02-4/40/0,03



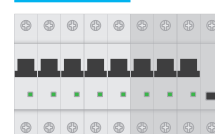
**B.SLIM-6S-15Z-S**  
1xM.01-B16/3  
2xM.01-B16/1



**B.SLIM-6S-15ZRP-S**  
2xM.01-B16/1  
1xM.02-4/25/0,03



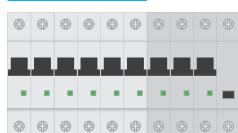
**B.SLIM-6S-26Z-S**  
1xM.01-B32/3  
2xM.01-B16/1



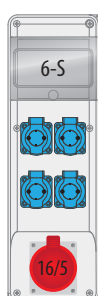
**B.SLIM-6S-26ZRP-S**  
2xM.01-B16/1  
1xM.02-4/40/0,03



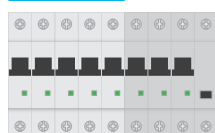
**B.SLIM-6S-27Z**  
1xM.01-B32/3  
1xM.01-B16/3



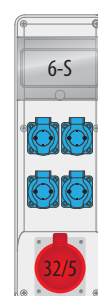
**B.SLIM-6S-27ZRP**  
1xM.02-4/40/0,03



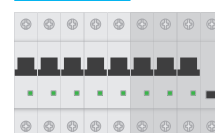
**B.SLIM-6S-28Z-S**  
1xM.01-B16/3  
2xM.01-B16/1



**B.SLIM-6S-28ZRP-S**  
2xM.01-B16/1  
1xM.02-4/25/0,03



**B.SLIM-6S-29Z-S**  
1xM.01-B32/3  
2xM.01-B16/1



**B.SLIM-6S-29ZRP-S**  
2xM.01-B16/1  
1xM.02-4/40/0,03

# Power equipment, cable extenders

## R-BOX SLIM-10

**Sockets 250V/16A  
SCHUKO version!**

IK08



PG21

ABS

IP44



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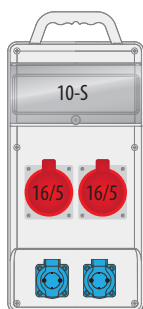
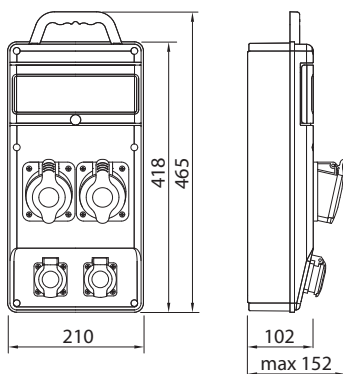
PN-EN 61439-1, PN-EN 61439-3



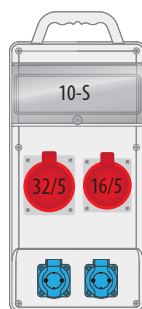
On the customer request, distribution boxes are available in all possible configurations

Available in versions with handle or without handle!

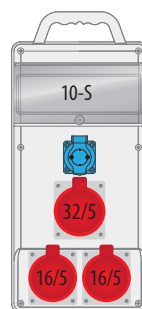
Distribution box R-BOX Series  
- appropriate PG cable gland inside



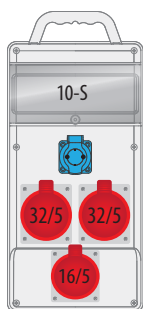
B.SLIM-10S-2-S



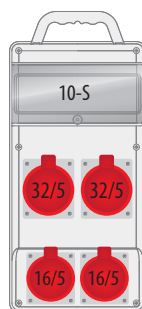
B.SLIM-10S-3-S



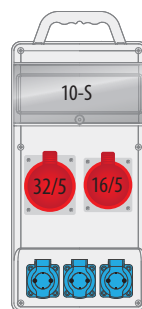
B.SLIM-10S-4-S



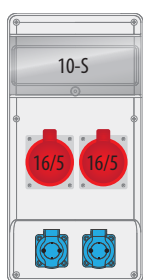
B.SLIM-10S-5-S



B.SLIM-10S-6



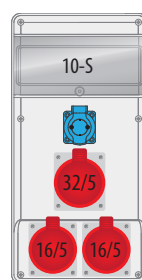
B.SLIM-10S-7-S



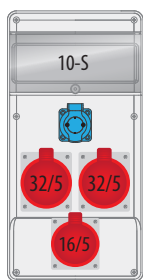
B.SLIM-10S-2BR-S



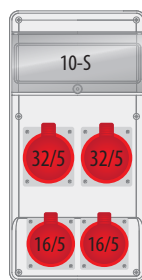
B.SLIM-10S-3BR-S



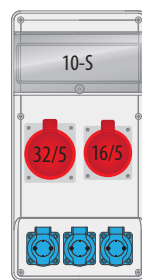
B.SLIM-10S-4BR-S



B.SLIM-10S-5BR-S



B.SLIM-10S-6BR



B.SLIM-10S-7BR-S

## R-BOX SLIM-10Z

**Sockets 250V/16A  
SCHUKO version!**

IK08



PG21

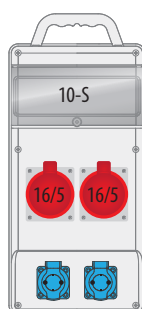
ABS

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PN-EN 61439-1, PN-EN 61439-3



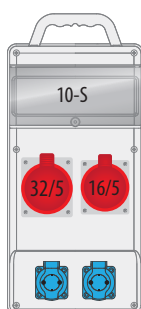
**B.SLIM-10S-2Z-S**

2xM.01-B16/3  
2xM.01-B16/1



**B.SLIM-10S-2ZRP-S**

2xM.01-B16/3  
1xM.02-4/40/0,03



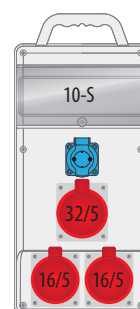
**B.SLIM-10S-3Z-S**

1xM.01-B32/3  
1xM.01-B16/3  
2xM.01-B16/1



**B.SLIM-10S-3ZRP-S**

1xM.01-B32/3  
1xM.01-B16/3  
1xM.02-4/40/0,03



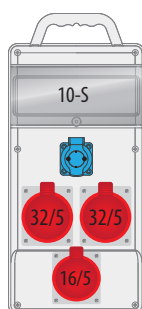
**B.SLIM-10S-4Z-S**

1xM.01-B32/3  
2xM.01-B16/3  
1xM.01-B16/1



**B.SLIM-10S-4ZRP-S**

1xM.01-B32/3  
1xM.01-B16/3  
1xM.02-4/40/0,03



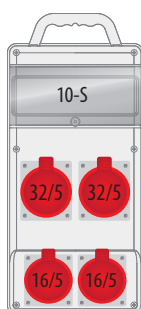
**B.SLIM-10S-5Z-S**

2xM.01-B32/3  
1xM.01-B16/3  
1xM.01-B16/1



**B.SLIM-10S-5ZRP-S**

1xM.01-B32/3  
1xM.01-B16/3  
1xM.02-4/40/0,03



**B.SLIM-10S-6Z**

2xM.01-B32/3  
1xM.01-B16/3



**B.SLIM-10S-6ZRP**

1xM.01-B32/3  
1xM.01-B16/3  
1xM.02-4/40/0,03



**B.SLIM-10S-7Z-S**

1xM.01-B32/3  
1xM.01-B16/3  
3xM.01-B16/1



**B.SLIM-10S-7ZRP-S**

1xM.01-B32/3  
1xM.01-B16/3  
1xM.02-4/40/0,03



**B.SLIM-10S-2BRZ-S**

2xM.01-B16/3  
2xM.01-B16/1



**B.SLIM-10S-2BRZRP-S**

2xM.01-B16/3  
1xM.02-4/40/0,03



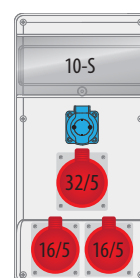
**B.SLIM-10S-3BRZ-S**

1xM.01-B32/3  
1xM.01-B16/3  
2xM.01-B16/1



**B.SLIM-10S-3BRZRP-S**

1xM.01-B32/3  
1xM.01-B16/3  
1xM.02-4/40/0,03



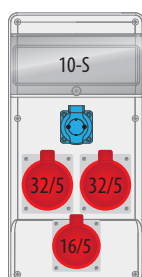
**B.SLIM-10S-4BRZ-S**

1xM.01-B32/3  
2xM.01-B16/3  
1xM.01-B16/1



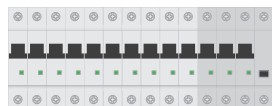
**B.SLIM-10S-4BRZRP-S**

1xM.01-B32/3  
1xM.01-B16/3  
1xM.02-4/40/0,03



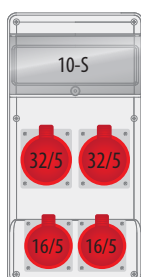
**B.SLIM-10S-5BRZ-S**

2xM.01-B32/3  
1xM.01-B16/3  
1xM.01-B16/1



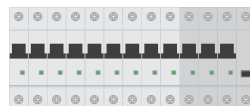
**B.SLIM-10S-5BRZRP-S**

1xM.01-B32/3  
1xM.01-B16/3  
1xM.02-4/40/0,03



**B.SLIM-10S-6BRZ**

2xM.01-B32/3  
1xM.01-B16/3



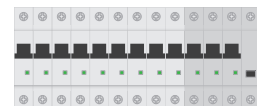
**B.SLIM-10S-6BRZRP**

1xM.01-B32/3  
1xM.01-B16/3  
1xM.02-4/40/0,03



**B.SLIM-10S-7BRZ-S**

1xM.01-B32/3  
1xM.01-B16/3  
3xM.01-B16/1



**B.SLIM-10S-7BRZRP-S**

1xM.01-B32/3  
1xM.01-B16/3  
1xM.02-4/40/0,03

# Power equipment, cable extenders

## R-BOX 150

Sockets 250V/16A  
SCHUKO version!



PG16

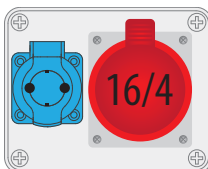
ABS

IP44

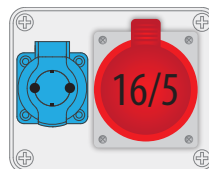


1

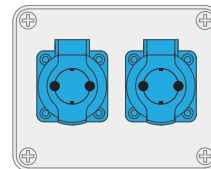
PN-EN 61439-1, PN-EN 61439-3



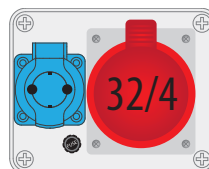
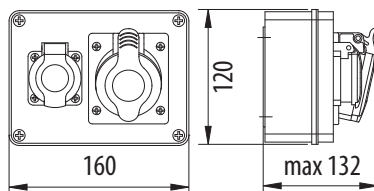
B.1202-S



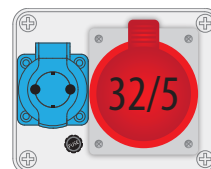
B.1091-S



B.1601-S



B.1206-S



B.1090-S

## Pictograms



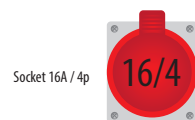
Socket 32A / 5p



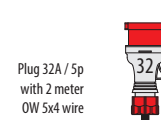
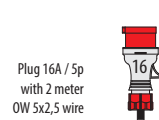
Socket 32A / 4p



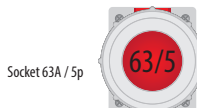
Socket 16A / 5p



Socket 16A / 4p

Plug 32A / 5p  
with 2 meter  
0W 5x4 wirePlug 16A / 5p  
with 2 meter  
0W 5x2,5 wire

Protection cover



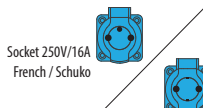
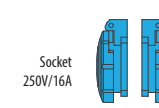
Socket 63A / 5p



Switch on/off



Switch left/right

Socket 250V/16A  
French / SchukoSocket  
250V/16AProtection  
installed

ZAB

Protection  
possibility

XX-S

Cable gland



## Thermoswitches

Norm: PN-EN 60730

### 1F Thermoswitch



B.1124



34x32,8x16,3

16A

250V

Functioning durability: 1000  
Operating temperature range: 0-60°C  
Ranges tolerance:  $\pm 5^\circ\text{C}$   
Insulation electric strength: 2500V

### 3F Thermoswitch



B.1123



56.25x32.2x23.5

16A

400V

Functioning durability: 300  
Operating temperature range: 0-60°C  
Ranges tolerance:  $\pm 5^\circ\text{C}$   
Insulation electric strength: 2500V



## R-BOX 190

**Sockets 250V/16A  
SCHUKO version!**

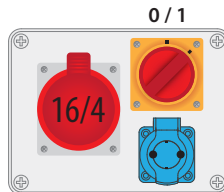
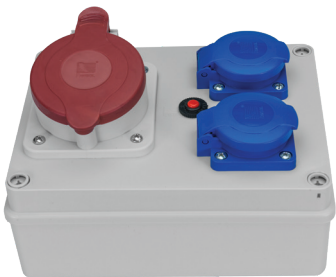


ABS

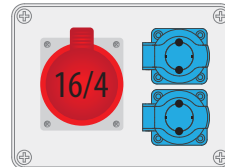
IP44



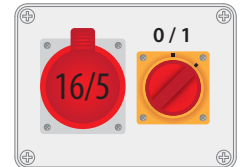
PN-EN 61439-1, PN-EN 61439-3



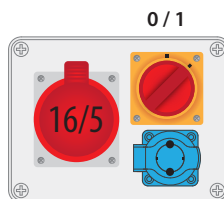
B.1210W-S



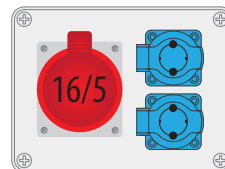
B.1227-S



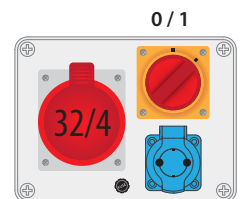
B.1224W



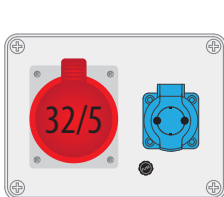
B.1093W-S



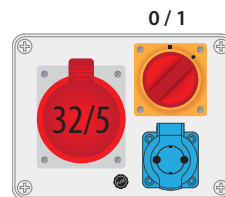
B.1602-S



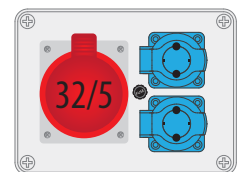
B.1207W-S



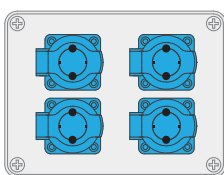
B.1215-S



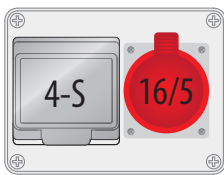
B.1092-W-S



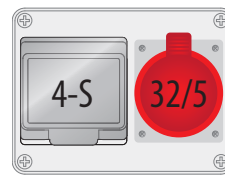
B.1603-S



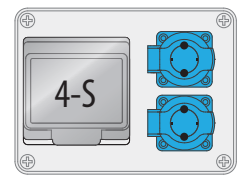
B.1203-S



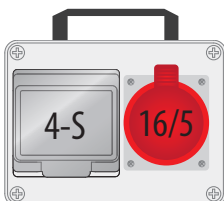
B.18.190-1



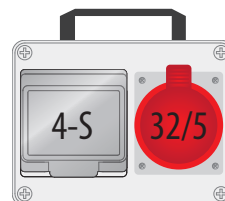
B.18.190-2



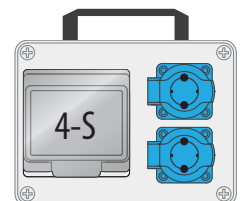
B.18.190-3-S



B.18.190-1R

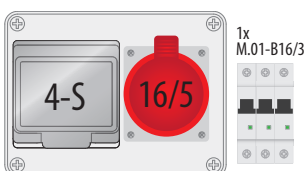


B.18.190-2R

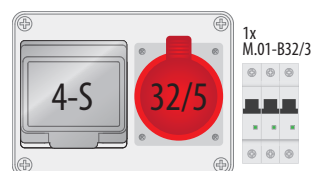


B.18.190-3R-S

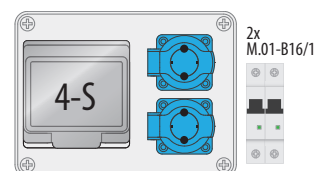
Distribution box R-BOX Series  
- appropriate PG cable gland inside



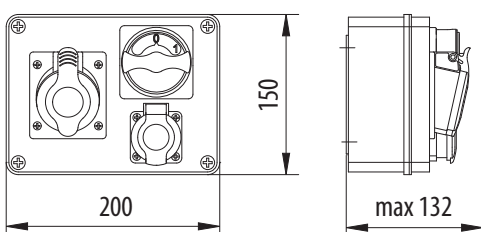
B.18.190-1Z



B.18.190-2Z



B.18.190-3Z-S



# Power equipment, cable extenders

## R-BOX 240

**Sockets 250V/16A  
SCHUKO version!**



PG16

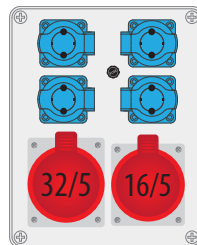
ABS

IP44

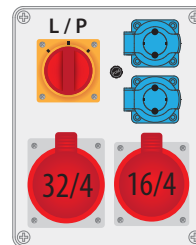


1

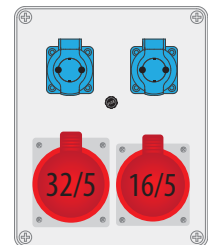
PN-EN 61439-1, PN-EN 61439-3



B.1100-02-S



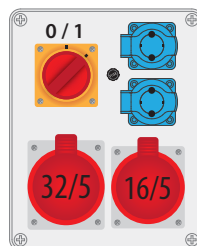
B.1615W-S



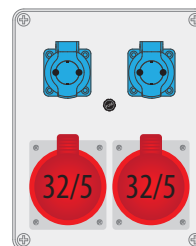
B.1098-S

### Only for distribution boxes R-BOX 240

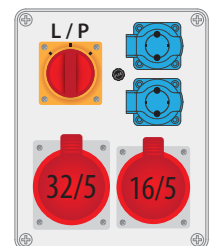
- » Material: steel plate St 1,5 mm
- » Color: RAL 3002
- » Product painted with epoxy paint
- » Norm: PN-EN 61439-1



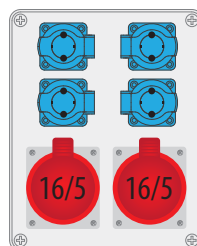
B.1094W-S



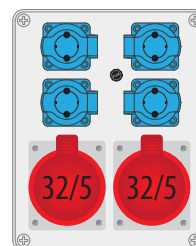
B.1099-S



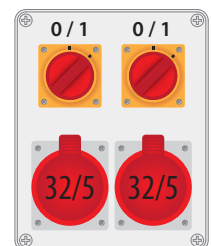
B.1095W-S



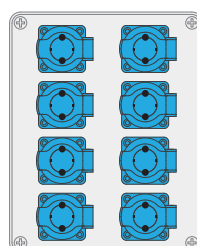
B.1096-S



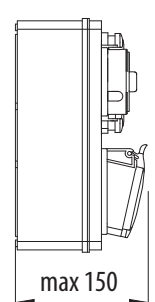
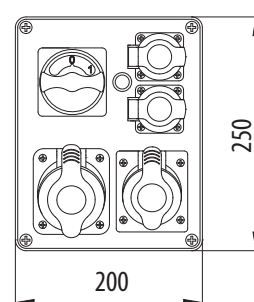
B.1627-S



B.1606W



B.1605-S



## R-BOX 240-PS / PS1

Sockets 250V/16A  
SCHUKO version!



PG16

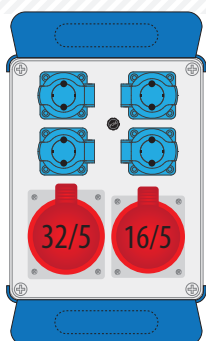
ABS

IP44

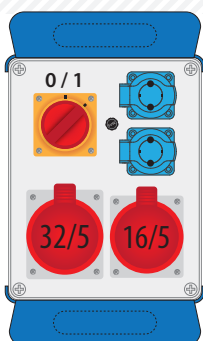


1

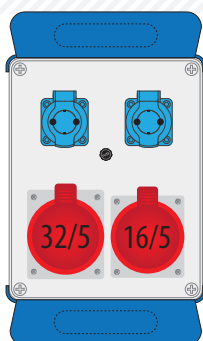
PN-EN 61439-1, PN-EN 61439-3



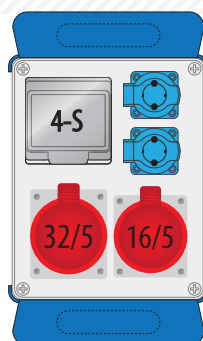
B.1100-02-PS-S



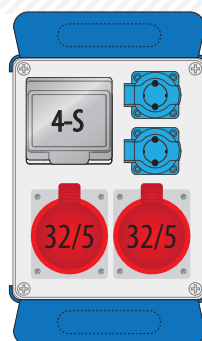
B.1094W-PS-S



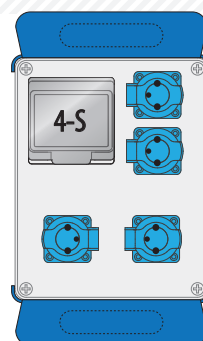
B.1098-PS-S



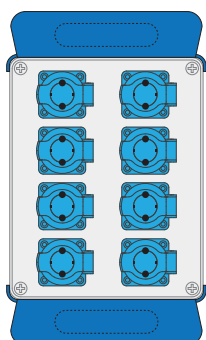
B.1701-PS-S



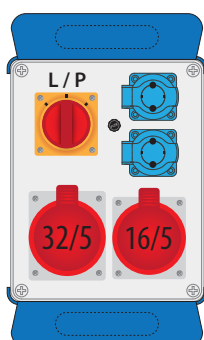
B.1703-PS-S



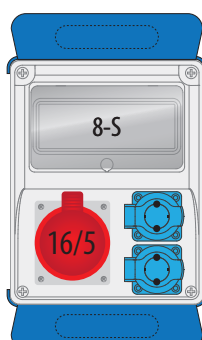
B.1713-PS-S



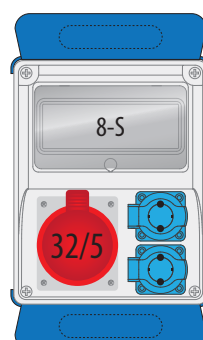
B.1605-PS-S



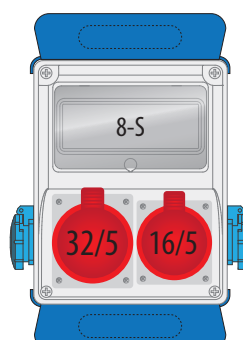
B.1095W-PS-S



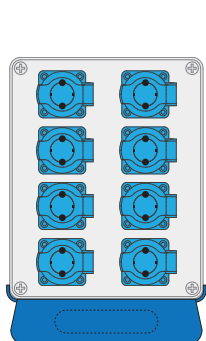
B.1801-PS-S



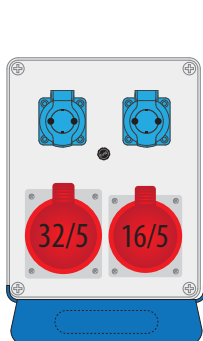
B.1802-PS-S



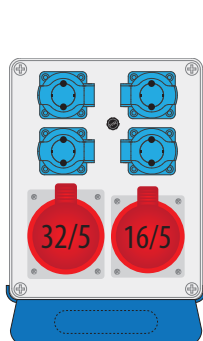
B.1810-PS-S



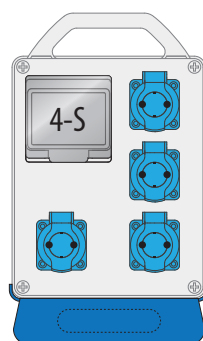
B.1605-PS1-S



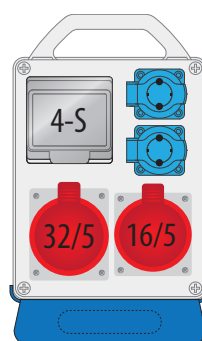
B.1098-PS1-S



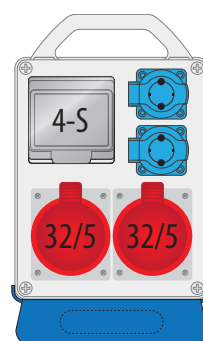
B.1100-02-PS1-S



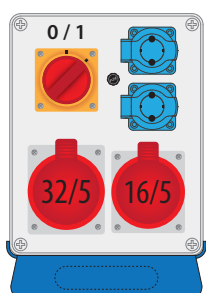
B.1713R-PS1-S



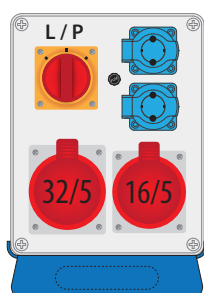
B.1701R-PS1-S



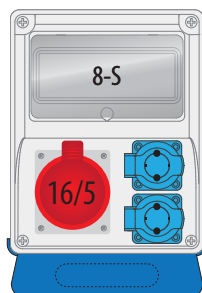
B.1703R-PS1-S



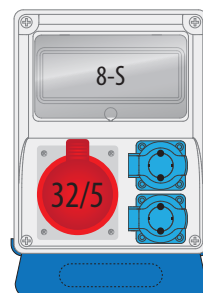
B.1094W-PS1-S



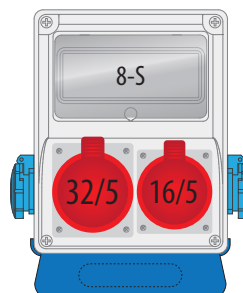
B.1095W-PS1-S



B.1801-PS1-S



B.1802-PS1-S



B.1810-PS1-S

# Power equipment, cable extenders

## R-BOX 300

**Sockets 250V/16A  
SCHUKO version!**



PG21

ABS

IP44

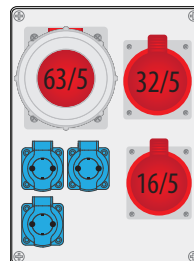


1

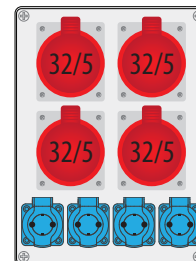
PN-EN 61439-1, PN-EN 61439-3



B.18.306W-S



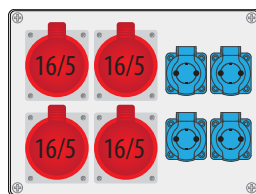
B.18.3168-S



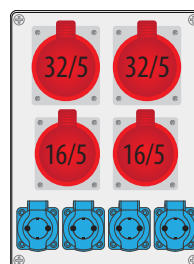
B.18.3151-S

R-BOX 300 has a compact size and allows the installation a large number of sockets.

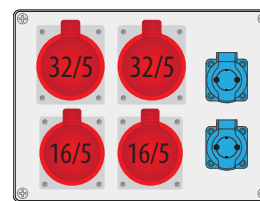
Distribution box is equipped with a special hinges connecting the cover and the base



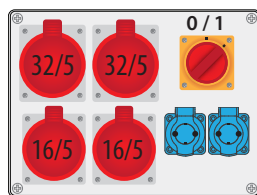
B.18.3138-S



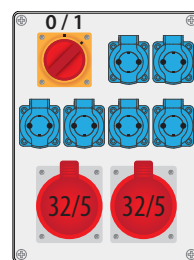
B.18.341-S



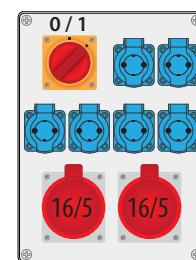
B.18.354-S



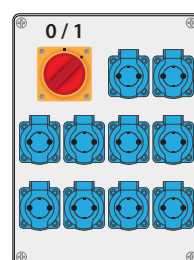
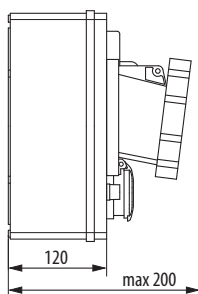
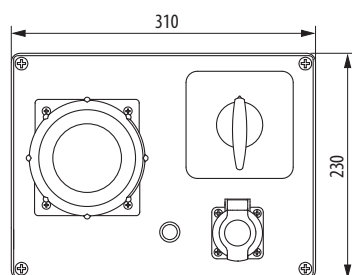
B.18.3180W-S



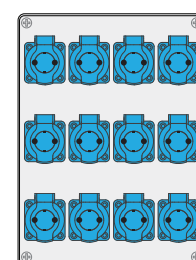
B.18.3169W-S



B.18.3181W-S



B.18.3127W-S



B.18.3172-S



## R-BOX KOMPAKT

Sockets 250V/16A  
SCHUKO version!



PG21

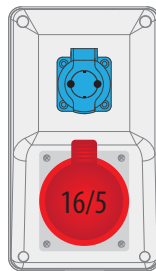
ABS

IP44

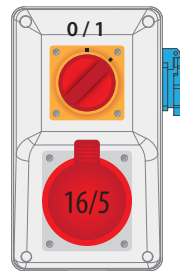


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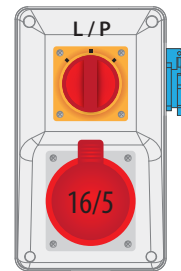
PN-EN 61439-1, PN-EN 61439-3



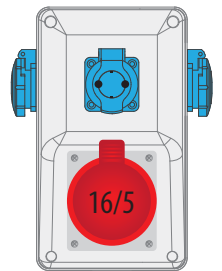
B.165/1-S



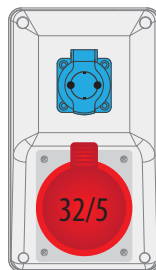
B.165/1/01-S



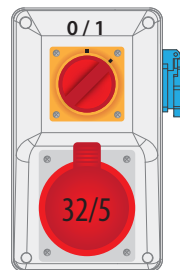
B.165/1/LP-S



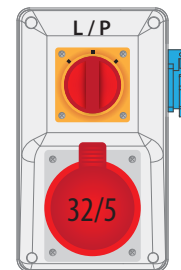
B.165/3-S



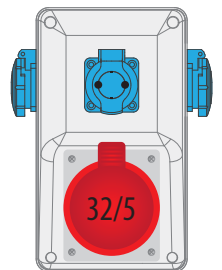
B.325/1-S



B.325/1/01-S



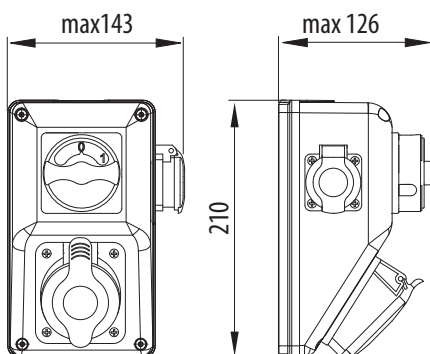
B.325/1/LP-S



B.325/3-S

- » Space-saving compact design
- » Professionally made - wired inside, ready for connection
- » Security - Padlock Lock – switch in "0" position
- » Many variants of implementation

Professional  
workmanship



High  
functionality

# Power equipment, cable extenders

## R-BOX 240R-4

**Sockets 250V/16A  
SCHUKO version!**



PG16

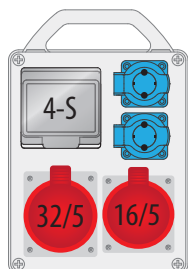
ABS

IP44

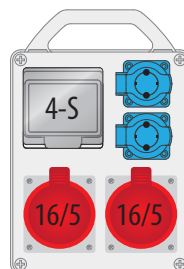


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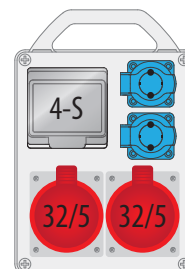
PN-EN 61439-1, PN-EN 61439-3



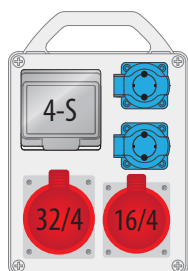
B.1701R-S



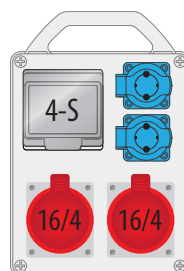
B.1702R-S



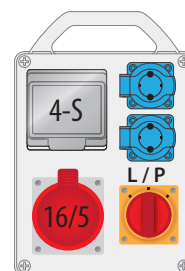
B.1703R-S



B.1704R-S



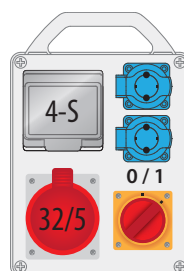
B.1705R-S



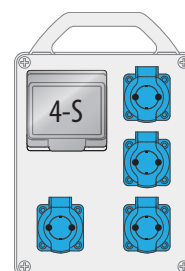
B.1708RW-S



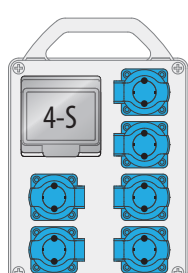
B.1709RW-S



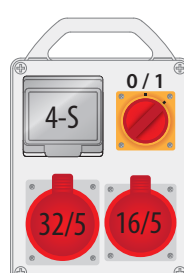
B.1711RW-S



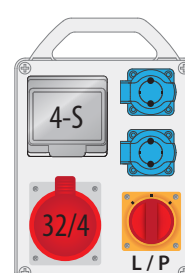
B.1713R-S



B.1721R-S

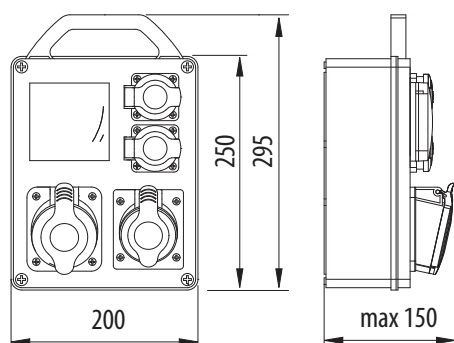


B.1728RW



B.1752RW-S

Available in versions with handle  
or without handle!



## R-BOX 240R-4

**Sockets 250V/16A  
SCHUKO version!**



PG16

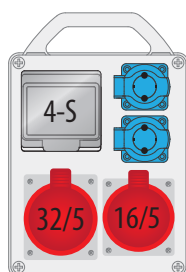
ABS

IP44

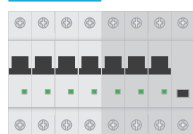


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PN-EN 61439-1, PN-EN 61439-3

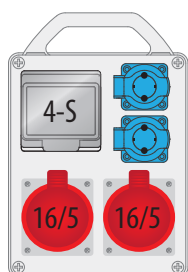


**B.1701RZ-S**  
1xM.01-B32/3  
1xM.01-B16/1

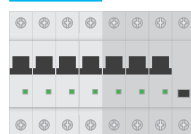


**B.1701RZRP-S**  
1xM.02-4/40/0,03

**B.1701RZRP1-S**  
1xM.03-4/C25/0,03

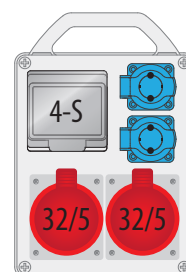


**B.1702RZ-S**  
1xM.01-B16/3  
1xM.01-B16/1

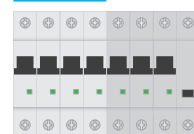


**B.1702RZRP-S**  
1xM.02-4/25/0,03

**B.1702RZRP1-S**  
1xM.03-4/C16/0,03

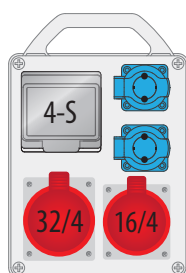


**B.1703RZ-S**  
1xM.01-B32/3  
1xM.01-B16/1

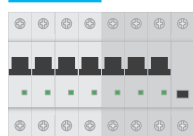


**B.1703RZRP-S**  
1xM.02-4/40/0,03

**B.1703RZRP1-S**  
1xM.03-4/C25/0,03

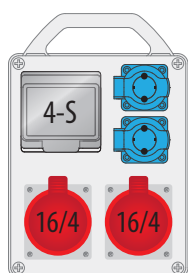


**B.1704RZ-S**  
1xM.01-B32/3  
1xM.01-B16/1

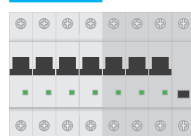


**B.1704RZRP-S**  
1xM.02-4/40/0,03

**B.1704RZRP1-S**  
1xM.03-4/C25/0,03

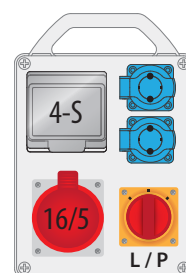


**B.1705RZ-S**  
1xM.01-B16/3  
1xM.01-B16/1

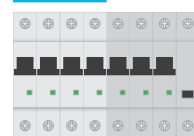


**B.1705RZRP-S**  
1xM.02-4/25/0,03

**B.1705RZRP1-S**  
1xM.03-4/C16/0,03

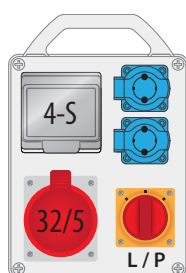


**B.1708RWZ-S**  
1xM.01-B16/3  
1xM.01-B16/1

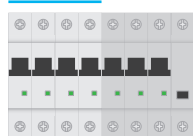


**B.1708RWZRP-S**  
1xM.02-4/25/0,03

**B.1708RWZRP1-S**  
1xM.03-4/C16/0,03

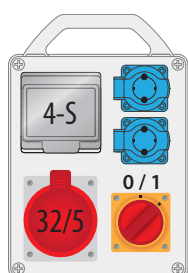


**B.1709RWZ-S**  
1xM.01-B32/3  
1xM.01-B16/1

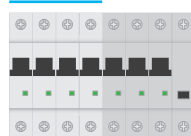


**B.1709RWZRP-S**  
1xM.02-4/40/0,03

**B.1709RWZRP1-S**  
1xM.03-4/C25/0,03

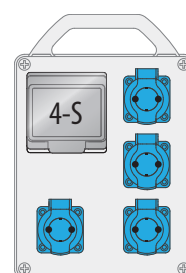


**B.1711RWZ-S**  
1xM.01-B32/3  
1xM.01-B16/1

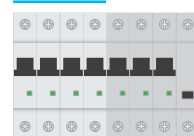


**B.1711RWZRP-S**  
1xM.02-4/40/0,03

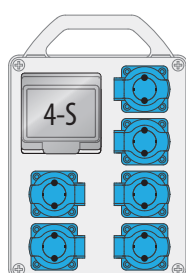
**B.1711RWZRP1-S**  
1xM.03-4/C25/0,03



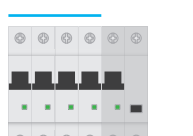
**B.1713RZ-S**  
4xM.01-B16/1



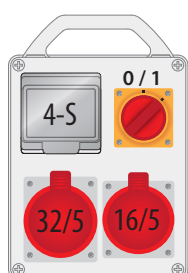
**B.1713RZRP-S**  
2xM.01-B16/1  
1xM.02-2/25/0,03



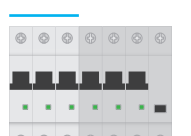
**B.1721RZ-S**  
4xM.01-B16/1



**B.1721RZRP-S**  
2xM.01-B16/1  
1xM.02-2/25/0,03

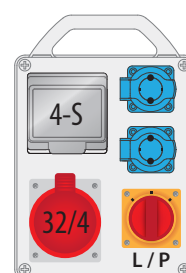


**B.1728RWZ**  
1xM.01-B32/3

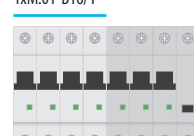


**B.1728RWZRP-S**  
1xM.02-4/40/0,03

**B.1728RWZRP1-S**  
1xM.03-4/C25/0,03



**B.1752RWZ-S**  
1xM.01-B32/3  
1xM.01-B16/1



**B.1752RWZRP-S**  
1xM.02-4/40/0,03

**B.1752RWZRP1-S**  
1xM.03-4/C25/0,03

# Power equipment, cable extenders

## R-BOX 240-8

**Sockets 250V/16A  
SCHUKO version!**



PG16

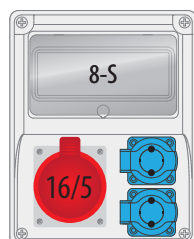
ABS

IP44

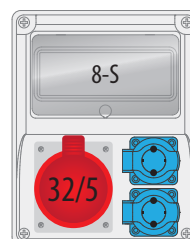


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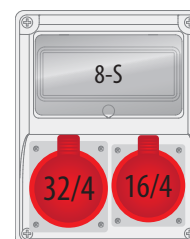
PN-EN 61439-1, PN-EN 61439-3



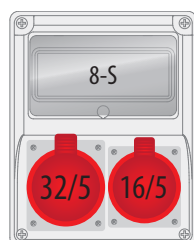
B.1801-S



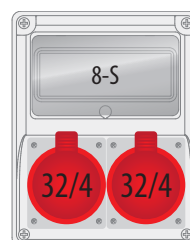
B.1802-S



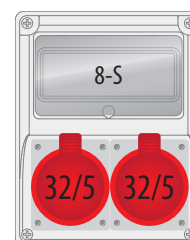
B.1803



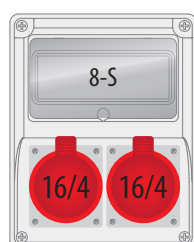
B.1804



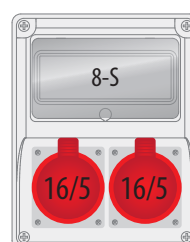
B.1805



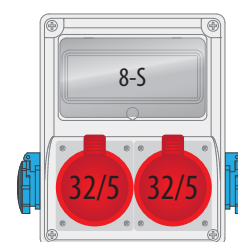
B.1806



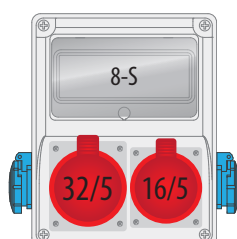
B.1807



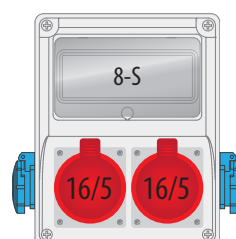
B.1808



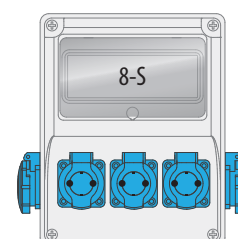
B.1809-S



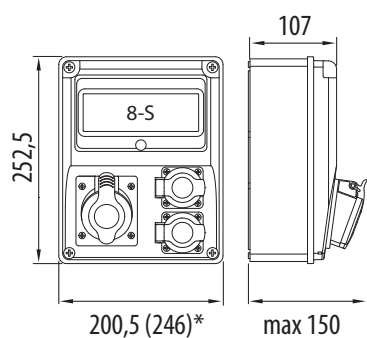
B.1810-S



B.1811-S



B.1812-S



\* Refers to the dimension of the distribution box with two VZ sockets



## R-BOX 240-8Z

**Sockets 250V/16A  
SCHUKO version!**



PG16

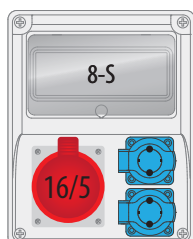
ABS

IP44

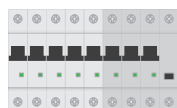


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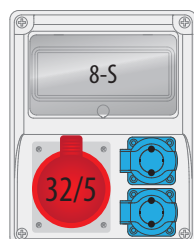
PN-EN 61439-1, PN-EN 61439-3



**B.1801Z-S**  
1xM.01-B16/3  
2xM.01-B16/1



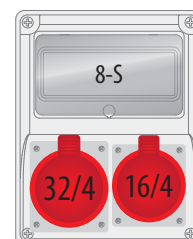
**B.1801ZRP-S**  
1xM.01-B32/3  
1xM.01-B16/1  
1xM.02-4/25/0,03



**B.1802Z-S**  
1xM.01-B32/3  
2xM.01-B16/1



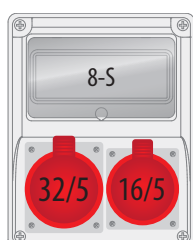
**B.1802ZRP-S**  
1xM.01-B32/3  
1xM.01-B16/1  
1xM.02-4/40/0,03



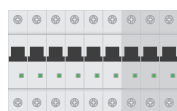
**B.1803Z**  
1xM.01-B32/3  
1xM.01-B16/3



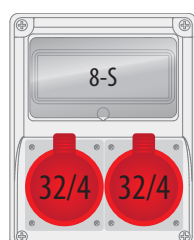
**B.1803ZRP**  
1xM.01-B32/3  
1xM.02-4/40/0,03



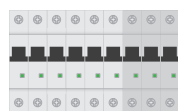
**B.1804Z**  
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1xM.01-B16/3



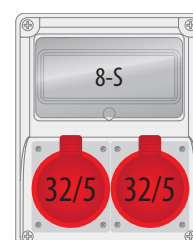
**B.1804ZRP**  
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1xM.02-4/40/0,03



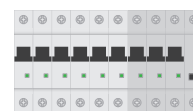
**B.1805Z**  
2xM.01-B32/3



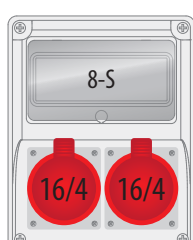
**B.1805ZRP**  
1xM.01-B32/3  
1xM.02-4/40/0,03



**B.1806Z**  
2xM.01-B32/3



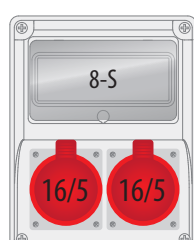
**B.1806ZRP**  
1xM.01-B32/3  
1xM.02-4/40/0,03



**B.1807Z**  
2xM.01-B16/3



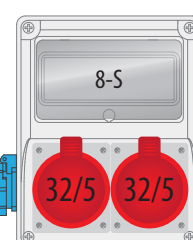
**B.1807ZRP**  
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1xM.02-4/25/0,03



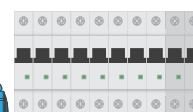
**B.1808Z**  
2xM.01-B16/3



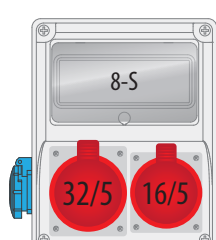
**B.1808ZRP**  
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1xM.02-4/25/0,03



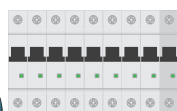
**B.1809Z-S**  
2xM.01-B32/3  
2xM.01-B16/1



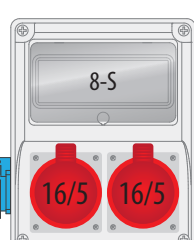
**B.1809ZRP-S**  
1xM.01-B32/3  
1xM.01-B16/1  
1xM.02-4/40/0,03



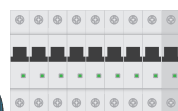
**B.1810Z-S**  
1xM.01-B32/3  
1xM.01-B16/3  
2xM.01-B16/1



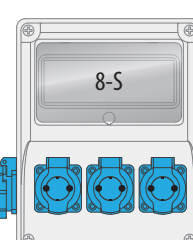
**B.1810ZRP-S**  
1xM.01-B32/3  
1xM.01-B16/1  
1xM.02-4/40/0,03



**B.1811Z-S**  
2xM.01-B16/3  
2xM.01-B16/1



**B.1811ZRP-S**  
1xM.01-B16/3  
1xM.01-B16/1  
1xM.02-4/25/0,03



**B.1812Z-S**  
5xM.01-B16/1



**B.1812ZRP-S**  
5xM.01-B16/1  
1xM.02-2/25/0,03

# Power equipment, cable extenders

## R-BOX 300R-9

**Sockets 250V/16A  
SCHUKO version!**



PG21

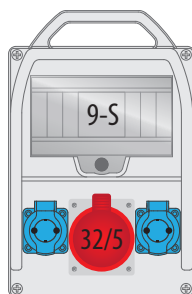
ABS

IP44

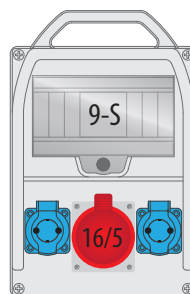


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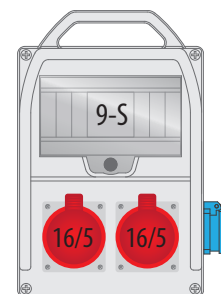
PN-EN 61439-1, PN-EN 61439-3



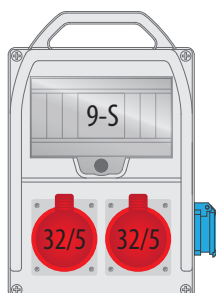
B.18.300-1-S



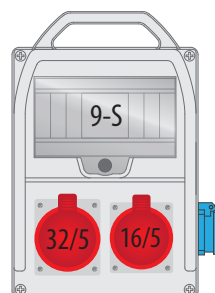
B.18.300-2-S



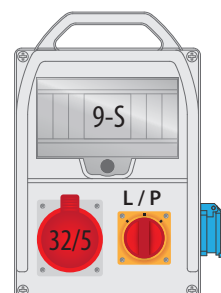
B.18.300-3-S



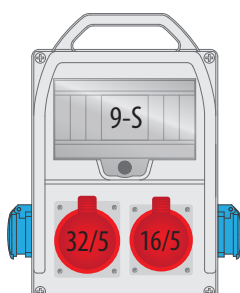
B.18.300-4-S



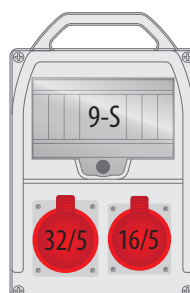
B.18.300-5-S



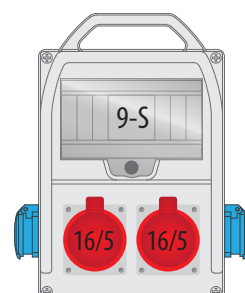
B.18.300-6W-S



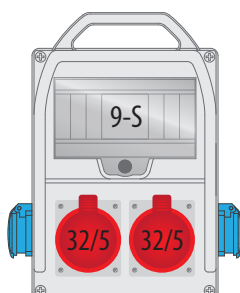
B.18.300-7-S



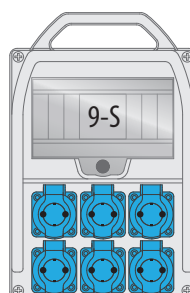
B.18.300-8



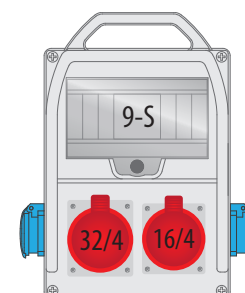
B.18.300-9-S



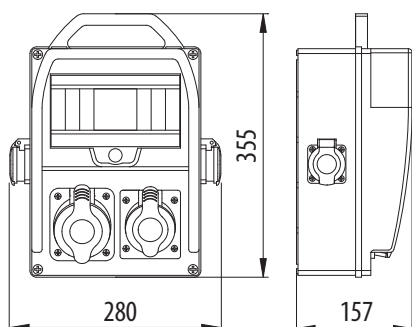
B.18.300-10-S



B.18.300-11-S



B.18.300-16-S



On the customer request, distribution boxes are available in all possible configurations

Distribution box R-BOX Series  
- appropriate PG cable gland inside

Available in versions with handle or without handle!

## R-BOX 300R-9Z

**Sockets 250V/16A  
SCHUKO version!**



PG21

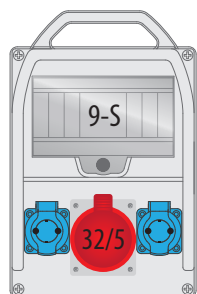
ABS

IP44

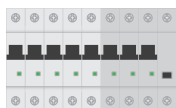


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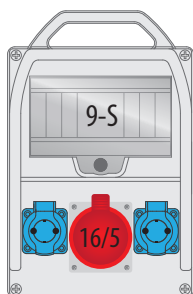
PN-EN 61439-1, PN-EN 61439-3



**B.18.300-1Z-S**  
1xM.01-B32/3  
2xM.01-B16/1



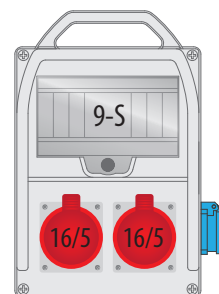
**B.18.300-1ZRP-S**  
1xM.01-B32/3  
2xM.01-B16/1  
1xM.02-4/40/0,03



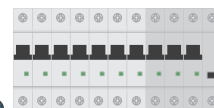
**B.18.300-2Z-S**  
1xM.01-B16/3  
2xM.01-B16/1



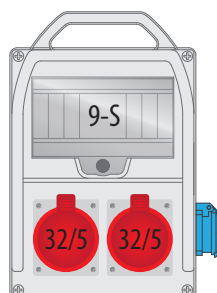
**B.18.300-2ZRP-S**  
1xM.01-B32/3  
2xM.01-B16/1  
1xM.02-4/25/0,03



**B.18.300-3Z-S**  
2xM.01-B16/3  
1xM.01-B16/1



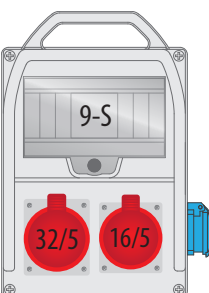
**B.18.300-3ZRP-S**  
1xM.01-B32/3  
1xM.01-B16/1  
1xM.02-4/25/0,03



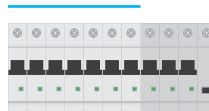
**B.18.300-4Z-S**  
1xM.01-B16/1



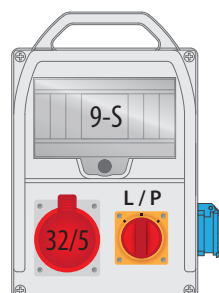
**B.18.300-4ZRP-S**  
1xM.01-B32/3  
1xM.01-B16/1  
1xM.02-4/40/0,03



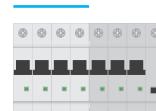
**B.18.300-5Z-S**  
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1xM.01-B16/3  
1xM.01-B16/1



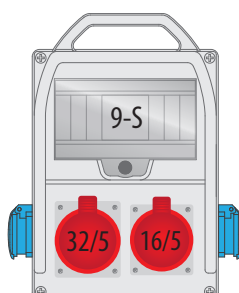
**B.18.300-5ZRP-S**  
1xM.01-B32/3  
1xM.01-B16/1  
1xM.02-4/40/0,03



**B.18.300-6WZ-S**  
1xM.01-B32/3  
1xM.01-B16/1



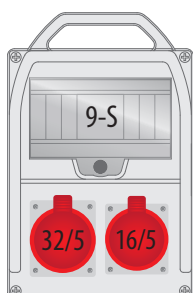
**B.18.300-6WZRP-S**  
1xM.01-B32/3  
1xM.01-B16/1  
1xM.02-4/40/0,03



**B.18.300-7Z-S**  
1xM.01-B32/3  
1xM.01-B16/3  
2xM.01-B16/1



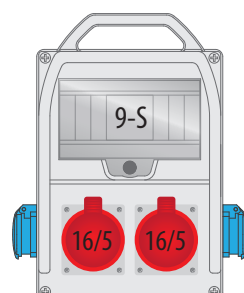
**B.18.300-7ZRP-S**  
1xM.01-B32/3  
2xM.01-B16/1  
1xM.02-4/40/0,03



**B.18.300-8Z**  
1xM.01-B32/3  
1xM.01-B16/3



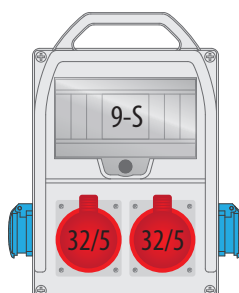
**B.18.300-8ZRP**  
1xM.01-B32/3  
1xM.02-4/40/0,03



**B.18.300-9Z-S**  
2xM.01-B16/3  
2xM.01-B16/1



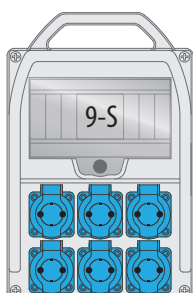
**B.18.300-9ZRP-S**  
1xM.01-B16/3  
2xM.01-B16/1  
1xM.02-4/25/0,03



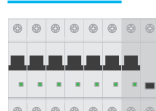
**B.18.300-10Z-S**  
2xM.01-B32/3  
2xM.01-B16/1



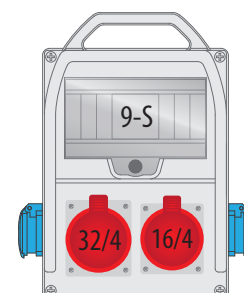
**B.18.300-10ZRP-S**  
1xM.01-B32/3  
2xM.01-B16/1  
1xM.02-4/40/0,03



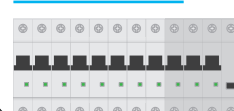
**B.18.300-11Z-S**  
6xM.01-B16/1



**B.18.300-11ZRP-S**  
6xM.01-B16/1  
1xM.02-2/25/0,03



**B.18.300-16Z-S**  
1xM.01-B32/3  
1xM.01-B16/3  
2xM.01-B16/1



**B.18.300-16ZRP-S**  
1xM.01-B32/3  
2xM.01-B16/1  
1xM.02-4/40/0,03

# Power equipment, cable extenders

## R-BOX 382R-11

Sockets 250V/16A  
SCHUKO version!



PG21

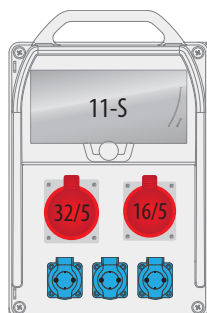
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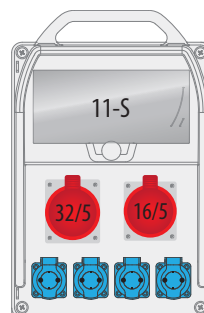


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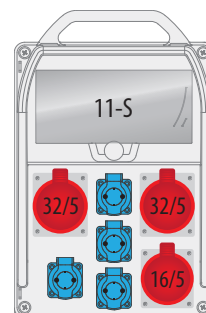
PN-EN 61439-1, PN-EN 61439-3



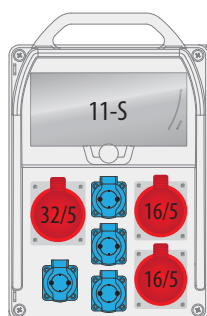
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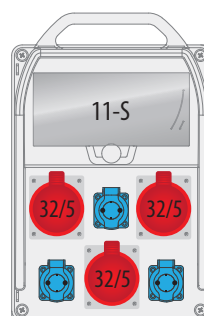
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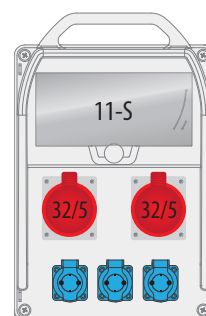
B.18.382-3-S



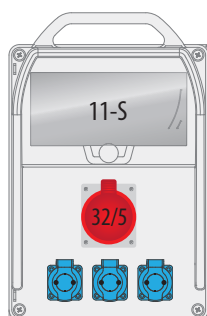
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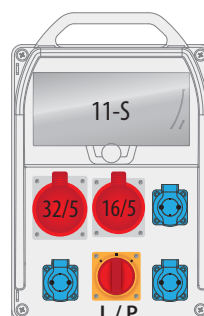
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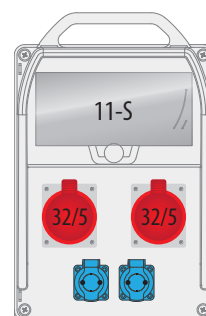
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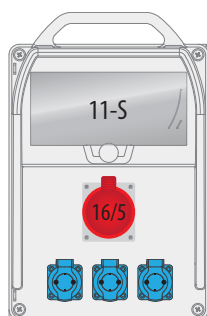
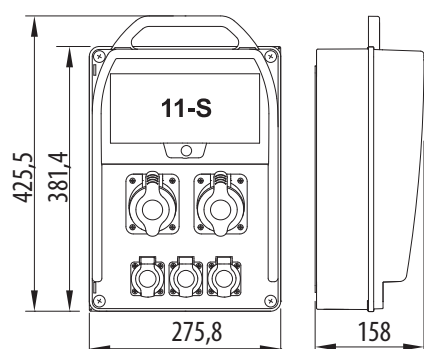
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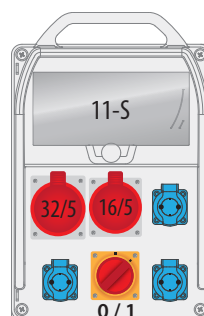
B.18.382-8W-S



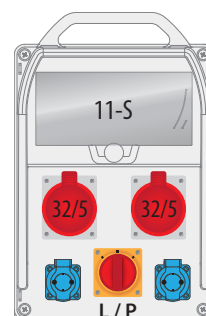
B.18.382-9-S



B.18.382-10-S



B.18.382-11W-S



B.18.382-12W-S

On the customer request, distribution boxes are available in all possible configurations

Available in versions with handle or without handle!

Distribution box R-BOX Series  
- appropriate PG cable gland inside



## R-BOX 382R-11Z

Sockets 250V/16A  
SCHUKO version!



PG21

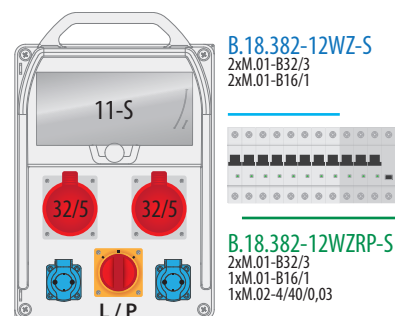
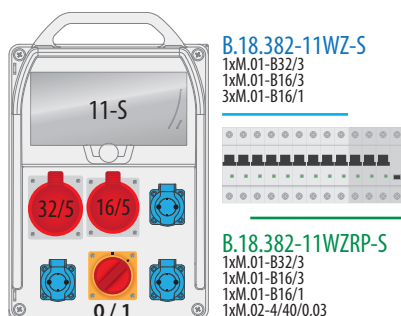
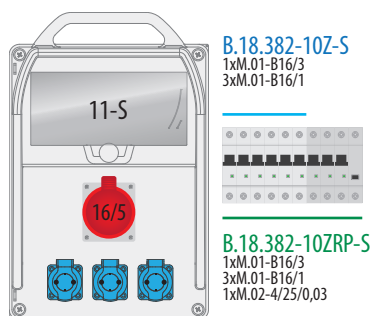
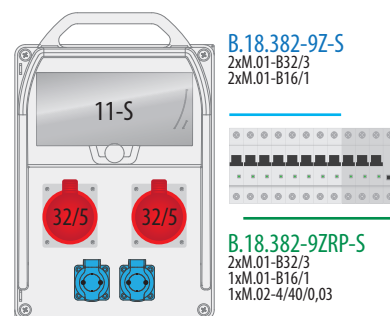
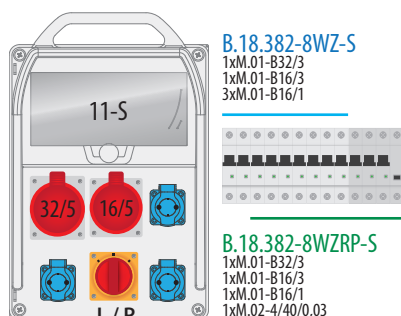
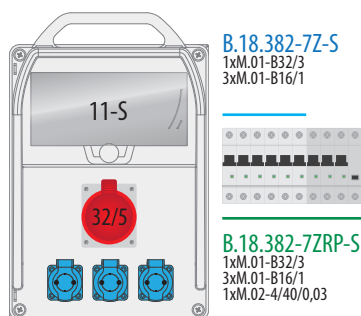
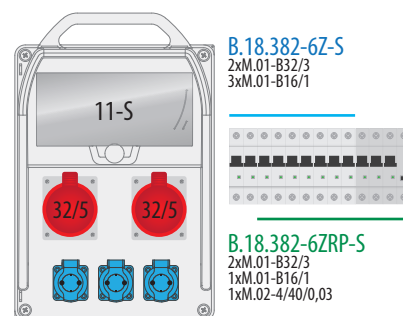
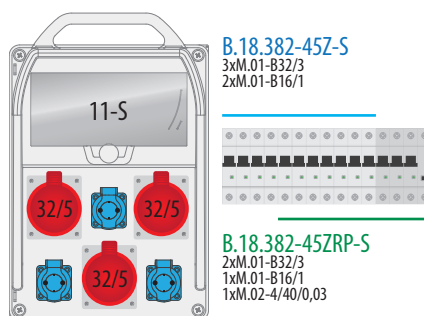
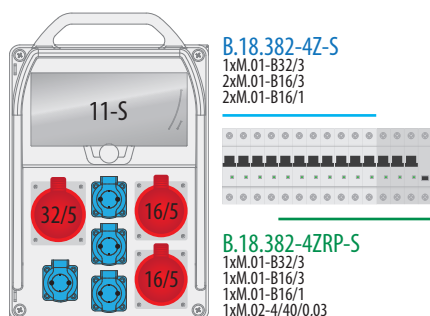
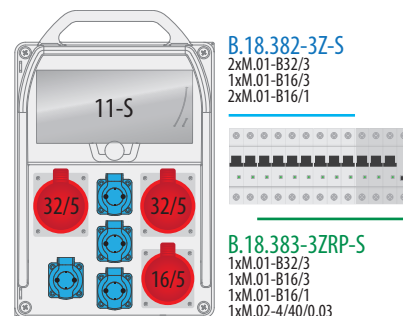
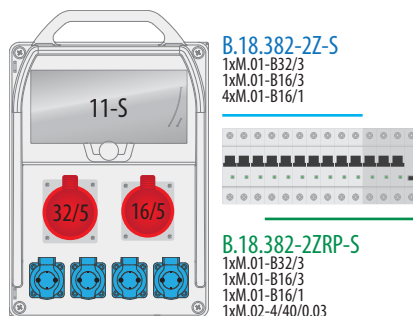
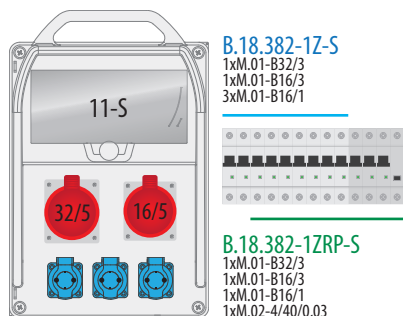
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PN-EN 61439-1, PN-EN 61439-3



# Power equipment, cable extenders

## R-BOX 380R-13

**Sockets 250V/16A  
SCHUKO version!**



PG21

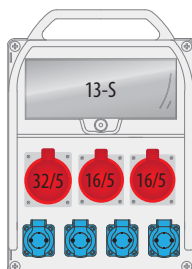
ABS

IP44

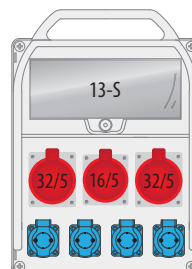


1

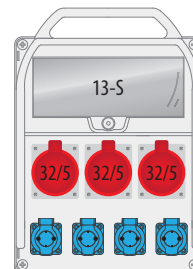
PN-EN 61439-1, PN-EN 61439-3



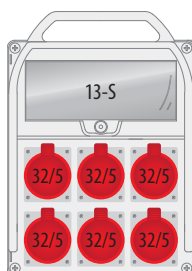
B.18.380-1-S



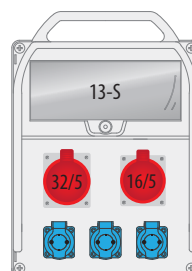
B.18.380-2-S



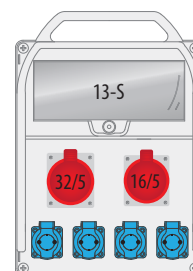
B.18.380-3-S



B.18.380-7



B.18.380-12-S

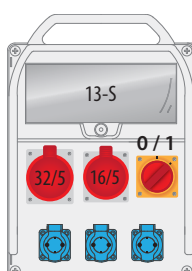


B.18.380-13-S

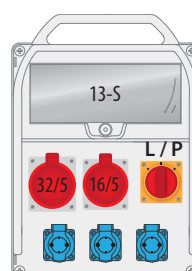
On the customer request, distribution boxes are available in all possible configurations

Available in versions with handle or without handle!

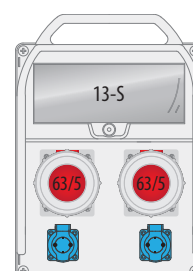
Distribution box R-BOX Series  
- appropriate PG cable gland inside



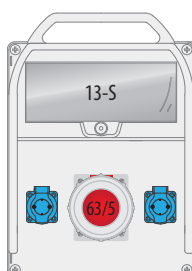
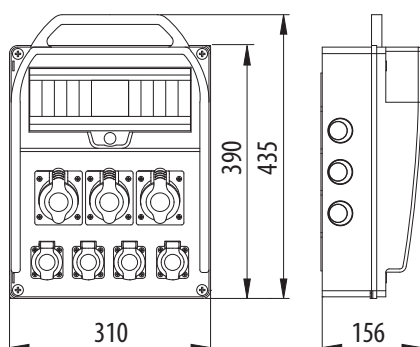
B.18.380-14W-S



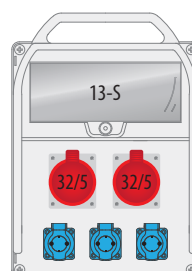
B.18.380-15W-S



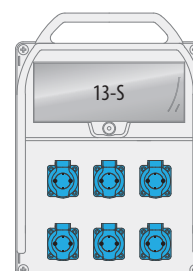
B.18.380-16-S



B.18.380-17-S



B.18.380-35-S



B.18.380-38-S

## R-BOX 380R-13Z

Sockets 250V/16A  
SCHUKO version!



PG21

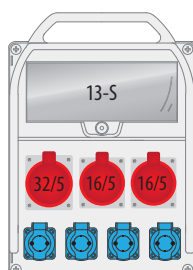
ABS

IP44



1

PN-EN 61439-1, PN-EN 61439-3



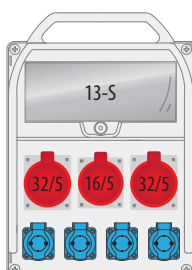
**B.18.380-1Z-S**

1xM.01-B32/3  
2xM.01-B16/3  
4xM.01-B16/1



**B.18.380-1ZRP-S**

1xM.01-B32/3  
2xM.01-B16/3  
1xM.02-4/40/0,03



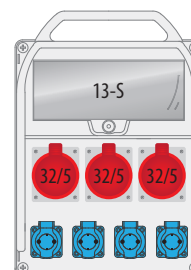
**B.18.380-2Z-S**

2xM.01-B32/3  
1xM.01-B16/3  
4xM.01-B16/1



**B.18.380-2ZRP-S**

2xM.01-B32/3  
1xM.01-B16/3  
1xM.02-4/40/0,03



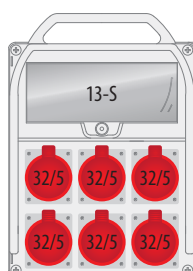
**B.18.380-3Z-S**

3xM.01-B32/3  
4xM.01-B16/1



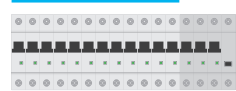
**B.18.380-3ZRP-S**

2xM.01-B32/3  
3xM.01-B16/1  
1xM.02-4/40/0,03



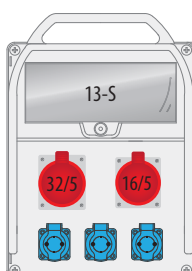
**B.18.380-7Z**

4xM.01-B32/3



**B.18.380-7ZRP**

3xM.01-B32/3  
1xM.02-4/63/0,03



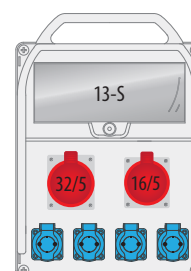
**B.18.380-12Z-S**

1xM.01-B32/3  
1xM.01-B16/3  
3xM.01-B16/1



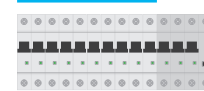
**B.18.380-12ZRP-S**

1xM.01-B32/3  
1xM.01-B16/3  
3xM.01-B16/1  
1xM.02-4/40/0,03



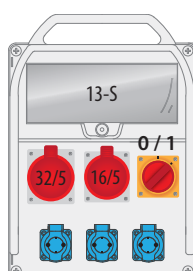
**B.18.380-13Z-S**

1xM.01-B32/3  
1xM.01-B16/3  
4xM.01-B16/1



**B.18.380-13ZRP-S**

1xM.01-B32/3  
1xM.01-B16/3  
3xM.01-B16/1  
1xM.02-4/40/0,03



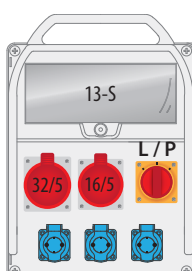
**B.18.380-14WZ-S**

1xM.01-B32/3  
1xM.01-B16/3  
3xM.01-B16/1



**B.18.380-14WZRP-S**

1xM.01-B32/3  
1xM.01-B16/3  
3xM.01-B16/1  
1xM.02-4/40/0,03



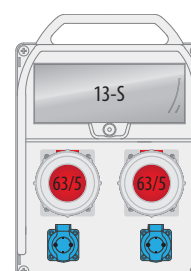
**B.18.380-15WZ-S**

1xM.01-B32/3  
1xM.01-B16/3  
3xM.01-B16/1



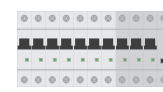
**B.18.380-15WZRP-S**

1xM.01-B32/3  
1xM.01-B16/3  
3xM.01-B16/1  
1xM.02-4/40/0,03



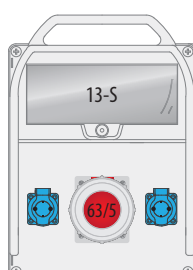
**B.18.380-16Z-S**

2xM.01-B63/3  
2xM.01-B16/1



**B.18.380-16ZRP-S**

2xM.01-B63/3  
2xM.01-B16/1  
1xM.02-4/63/0,03



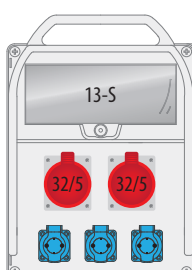
**B.18.380-17Z-S**

1xM.01-B63/3  
2xM.01-B16/1



**B.18.380-17ZRP-S**

1xM.01-B63/3  
2xM.01-B16/1  
1xM.02-4/63/0,03



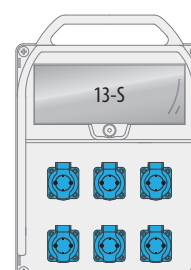
**B.18.380-35Z-S**

2xM.01-B32/3  
3xM.01-B16/1



**B.18.380-35ZRP-S**

2xM.01-B32/3  
3xM.01-B16/1  
1xM.02-4/40/0,03



**B.18.380-38Z-S**

6xM.01-B16/1



**B.18.380-38ZRP-S**

6xM.01-B16/1  
1xM.02-2/25/0,03

# Power equipment, cable extenders

## R-BOX LUX 320R

**Sockets 250V/16A  
SCHUKO version!**

IK08



PG21

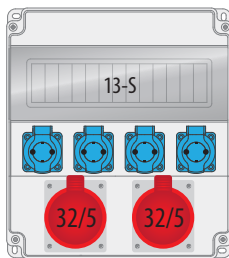
ABS

IP44

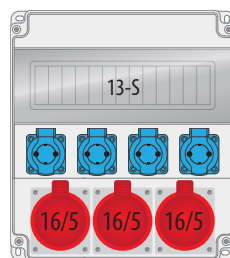


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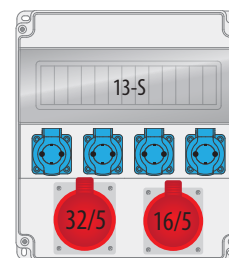
PN-EN 61439-1, PN-EN 61439-3



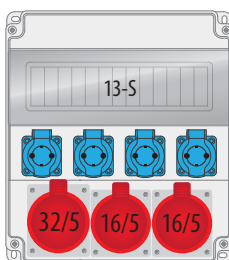
B.18.320-1-S



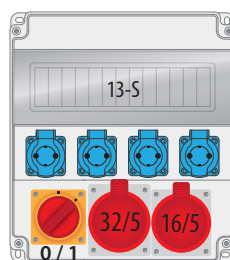
B.18.320-2-S



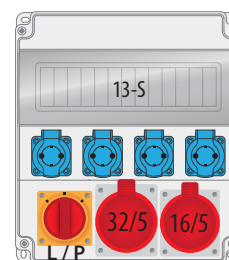
B.18.320-3-S



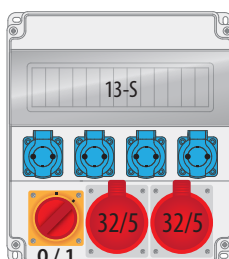
B.18.320-4-S



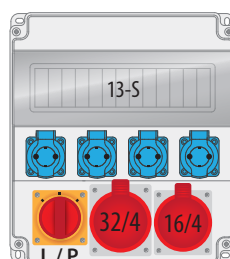
B.18.320-5W-S



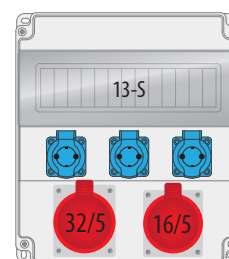
B.18.320-6W-S



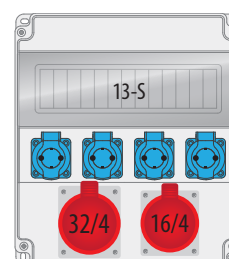
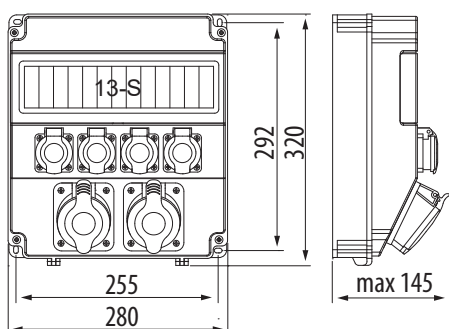
B.18.320-7W-S



B.18.320-8W-S



B.18.320-9-S



B.18.320-11-S

On the customer request, distribution boxes are available in all possible configurations

Distribution box R-BOX Series  
- appropriate PG cable gland inside



## R-BOX LUX 320RZ

**Sockets 250V/16A  
SCHUKO version!**

IK08



PG21

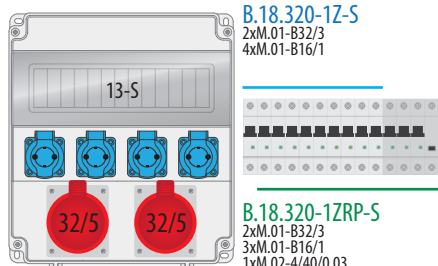
ABS

IP44



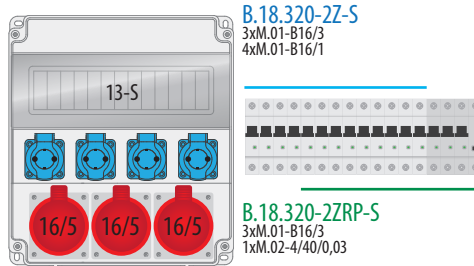
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PN-EN 61439-1, PN-EN 61439-3



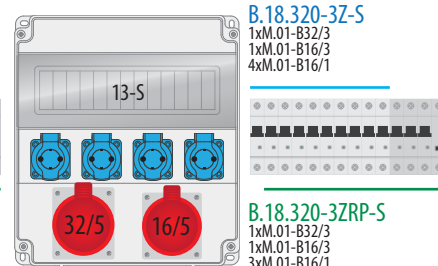
**B.18.320-1Z-S**

2xM.01-B32/3  
4xM.01-B16/1



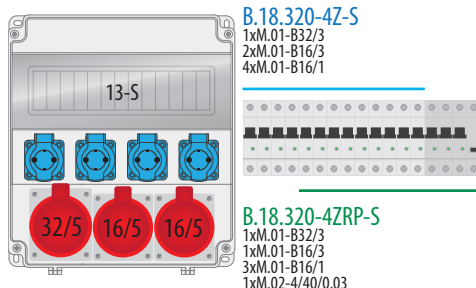
**B.18.320-2Z-S**

3xM.01-B16/3  
4xM.01-B16/1



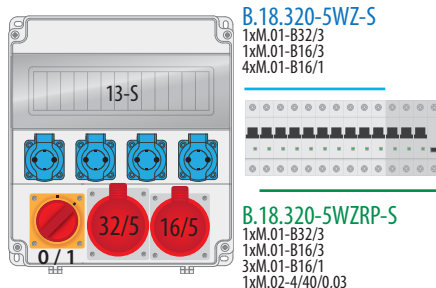
**B.18.320-3Z-S**

1xM.01-B32/3  
1xM.01-B16/3  
4xM.01-B16/1



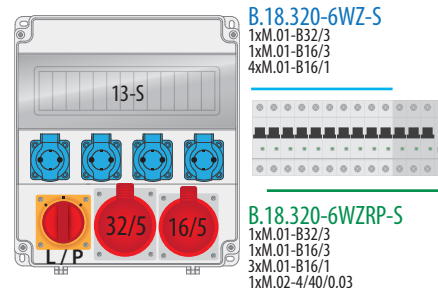
**B.18.320-4Z-S**

1xM.01-B32/3  
2xM.01-B16/3  
4xM.01-B16/1



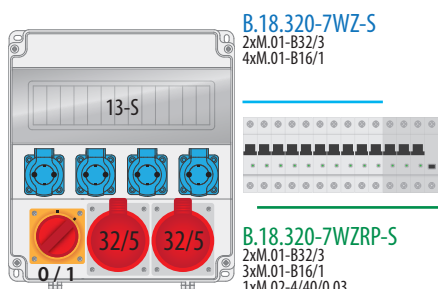
**B.18.320-5WZ-S**

1xM.01-B32/3  
1xM.01-B16/3  
4xM.01-B16/1



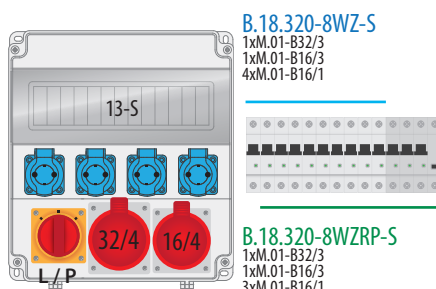
**B.18.320-6WZ-S**

1xM.01-B32/3  
1xM.01-B16/3  
4xM.01-B16/1



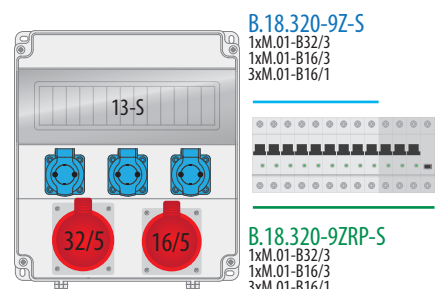
**B.18.320-7WZ-S**

2xM.01-B32/3  
4xM.01-B16/1



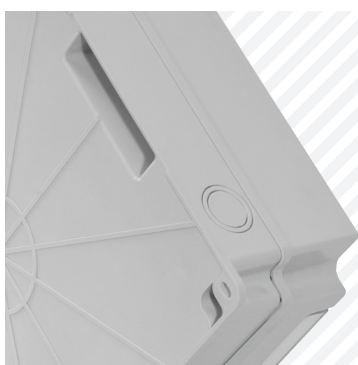
**B.18.320-8WZ-S**

1xM.01-B32/3  
1xM.01-B16/3  
4xM.01-B16/1

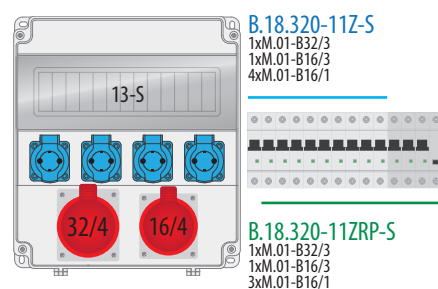


**B.18.320-9Z-S**

1xM.01-B32/3  
1xM.01-B16/3  
3xM.01-B16/1



R-BOX LUX 320  
have a special handle



**B.18.320-11Z-S**

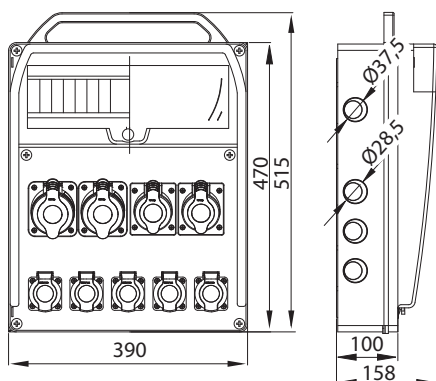
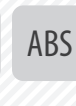
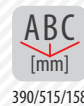
1xM.01-B32/3  
1xM.01-B16/3  
4xM.01-B16/1

**B.18.320-11ZRP-S**

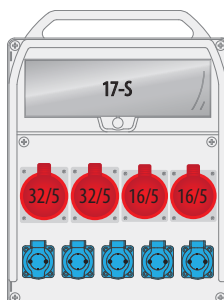
1xM.01-B32/3  
1xM.01-B16/3  
3xM.01-B16/1  
1xM.02-4/40/0,03

## Power equipment, cable extenders

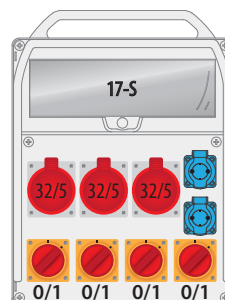
## R-BOX 460R-17

Sockets 250V/16A  
SCHUKO version!

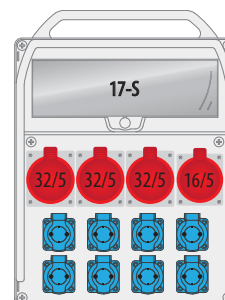
PN-EN 61439-1, PN-EN 61439-3



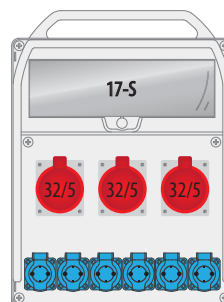
B.18.460-1-S



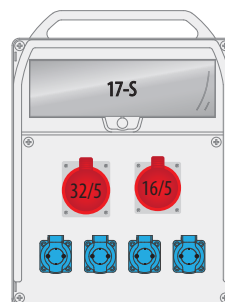
B.18.460-5W-S



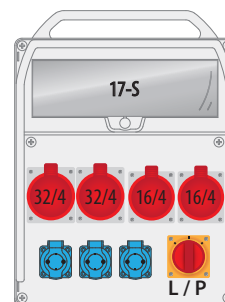
B.18.460-9-S



B.18.460-12-S



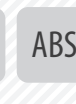
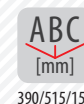
B.18.460-13-S



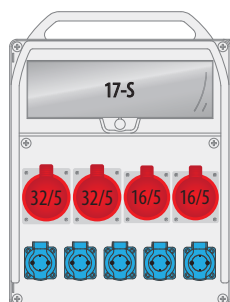
B.18.460-16W-S

On the customer request, distribution boxes are available in all possible configurations.  
Available in versions with handle or without handle!

## R-BOX 460R-17Z

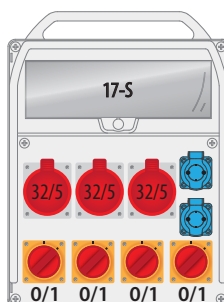
Sockets 250V/16A  
SCHUKO version!

PN-EN 61439-1, PN-EN 61439-3



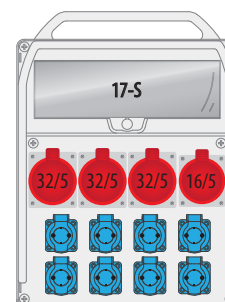
**B.18.460-17Z-S**  
2xM.01-B32/3  
2xM.01-B16/3  
5xM.01-B16/1

**B.18.460-17ZRP-S**  
2xM.01-B32/3  
2xM.01-B16/3  
1xM.01-B16/1  
1xM.02-4/63/0,03



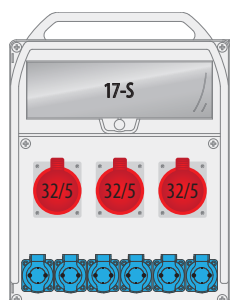
**B.18.460-5WZ-S**  
3xM.01-B32/3  
2xM.01-B16/1

**B.18.460-5WZRP-S**  
3xM.01-B32/3  
2xM.01-B16/3  
1xM.02-4/63/0,03



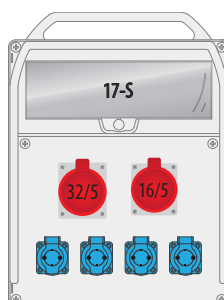
**B.18.460-9Z-S**  
3xM.01-B32/3  
1xM.01-B16/3  
5xM.01-B16/1

**B.18.460-9ZRP-S**  
2xM.01-B32/3  
2xM.01-B16/3  
4xM.01-B16/1  
1xM.02-4/63/0,03



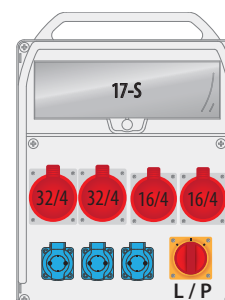
**B.18.460-12Z-S**  
3xM.01-B32/3  
6xM.01-B16/1

**B.18.460-12ZRP-S**  
3xM.01-B32/3  
4xM.01-B16/1  
1xM.02-4/63/0,03



**B.18.460-13Z-S**  
1xM.01-B32/3  
1xM.01-B16/3  
4xM.01-B16/1

**B.18.460-13ZRP-S**  
1xM.01-B32/3  
1xM.01-B16/3  
4xM.01-B16/1  
1xM.02-4/40/0,03



**B.18.460-16WZ-S**  
2xM.01-B32/3  
2xM.01-B16/3  
3xM.01-B16/1

**B.18.460-16WZRP-S**  
2xM.01-B32/3  
2xM.01-B16/3  
1xM.01-B16/1  
1xM.02-4/63/0,03

## Distribution box R-BOX Series with wire and plug

## Sockets 250V/16A SCHUKO version!



5P



2m

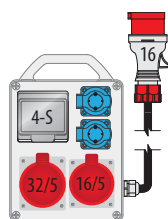
ABS

IP44

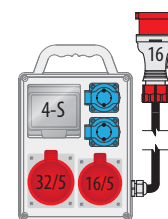


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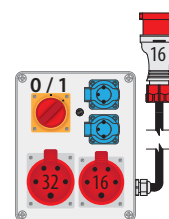
PN-EN 61439-1, PN-EN 61439-3



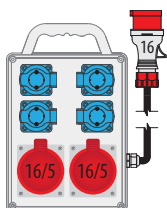
B.1701RP-S



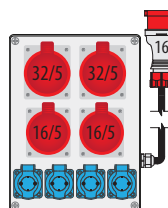
B.SLIM-4S-2P-S



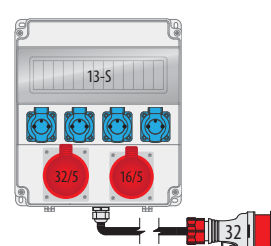
B.1094P-S



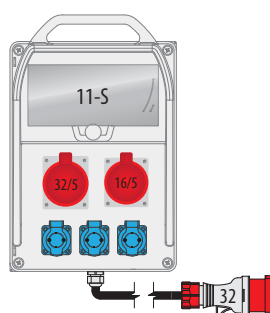
B.SLIM-6P-S



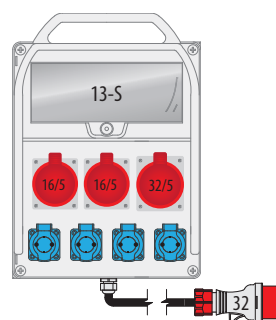
B.18.341P-S



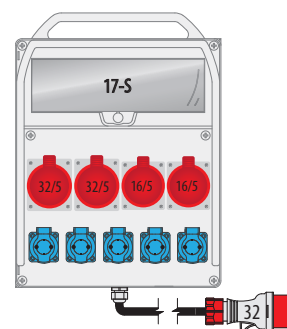
B.18.320-3P-S



B.18.382-1P-S



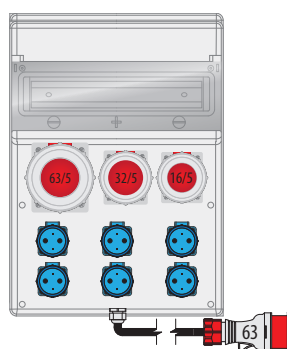
B.18.380-1P-S



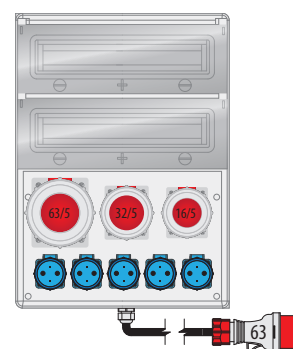
B.18.460-1P-S



B.MAX-11S-1P-S



B.MAX-16S-1P-S



B.MAX-32S-1P-S

Distribution boxes in our offer  
are available in versions with  
wire and plug

# Power equipment, cable extenders

## B.MAX-11S

**Sockets 250V/16A  
SCHUKO version!**



PG21

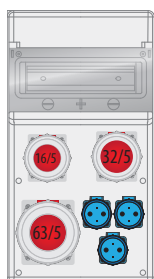
ABS

IP65

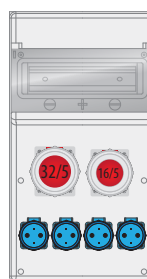


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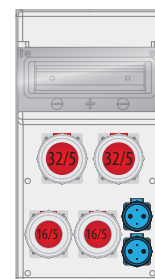
PN-EN 61439-1, PN-EN 61439-3



B.MAX-11S-1-S



B.MAX-11S-2-S



B.MAX-11S-3-S



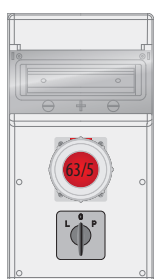
B.MAX-11S-4-S



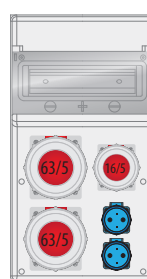
B.MAX-11S-5-S



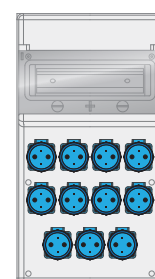
B.MAX-11S-6



B.MAX-11S-7



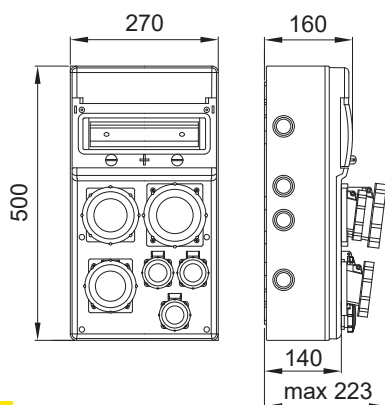
B.MAX-11S-8-S



B.MAX-11S-9-S

On the customer request, distribution boxes are available in all possible configurations

Distribution box B.MAX Series  
- appropriate PG cable gland inside



Rail TH included

Terminal strips adapted to assemble on TH-35 rail or screws to base

Protection class: IP 65

Glass colour: transparent, Casing colour: grey

Norm: PN-EN 61439-1

Impact resistance degree: IK08

Temperature resistance up to: do 650°C

Operating Temperature: -25°C / +85°C

Electrical protection class: II

18 weaknesses for glands - from Ø20mm-Ø40mm

Casing material: ABS - halogen-free, resistant to UV





## B.MAX-11SZ

**Sockets 250V/16A  
SCHUKO version!**



PG21

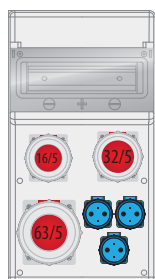
ABS

IP65



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PN-EN 61439-1, PN-EN 61439-3



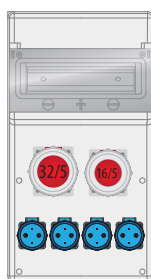
**B.MAX-11S-1Z-S**

1xM.01-B63/3  
1xM.01-B32/3  
1xM.01-B16/3  
2xM.01-B16/1



**B.MAX-11S-1ZRP-S**

1xM.01-B63/3  
1xM.01-B16/3  
1xM.01-B16/1  
1xM.02-4/63/0,03



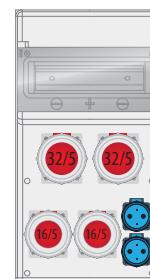
**B.MAX-11S-2Z-S**

1xM.01-B32/3  
1xM.01-B16/3  
4xM.01-B16/1



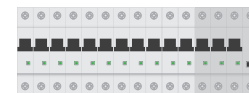
**B.MAX-11S-2ZRP-S**

1xM.01-B32/3  
1xM.01-B16/3  
1xM.01-B16/1  
1xM.02-4/40/0,03



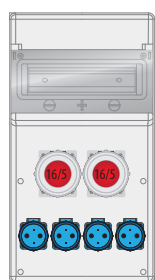
**B.MAX-11S-3Z-S**

2xM.01-B32/3  
1xM.01-B16/3  
2xM.01-B16/1



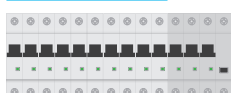
**B.MAX-11S-3ZRP-S**

1xM.01-B32/3  
1xM.01-B16/3  
1xM.01-B16/1  
1xM.02-4/63/0,03



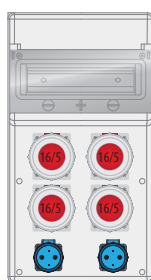
**B.MAX-11S-4Z-S**

2xM.01-B16/3  
4xM.01-B16/1



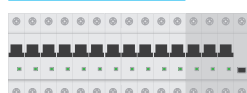
**B.MAX-11S-4ZRP-S**

2xM.01-B16/3  
1xM.01-B16/1  
1xM.02-4/40/0,03



**B.MAX-11S-5Z-S**

3xM.01-B16/3  
2xM.01-B16/1



**B.MAX-11S-5ZRP-S**

2xM.01-B16/3  
1xM.01-B16/1  
1xM.02-4/40/0,03



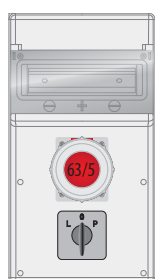
**B.MAX-11S-6Z**

1xM.01-B63/3  
1xM.01-B16/3



**B.MAX-11S-6ZRP**

1xM.01-B63/3  
1xM.01-B16/3  
1xM.02-4/63/0,03



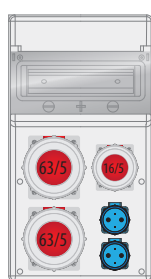
**B.MAX-11S-7Z**

1xM.01-B63/3



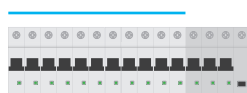
**B.MAX-11S-7ZRP**

1xM.01-B63/3  
1xM.02-4/63/0,03



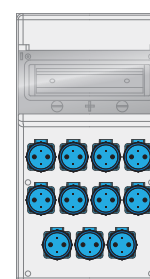
**B.MAX-11S-8Z-S**

2xM.01-B63/3  
1xM.01-B16/3  
2xM.01-B16/1



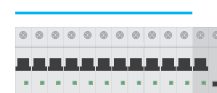
**B.MAX-11S-8ZRP-S**

1xM.01-B63/3  
1xM.01-B16/3  
1xM.01-B16/1  
1xM.02-4/63/0,03



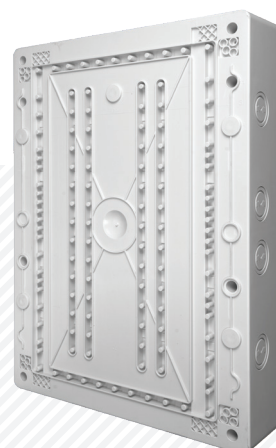
**B.MAX-11S-9Z-S**

11xM.01-B16/1



**B.MAX-11S-9ZRP-S**

9xM.01-B16/1  
1xM.02-2/40/0,03



# Power equipment, cable extenders

## B.MAX-16S

**Sockets 250V/16A  
SCHUKO version!**



PG21

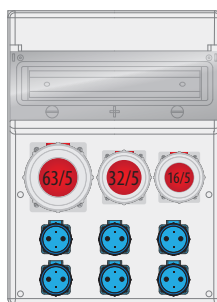
ABS

IP65

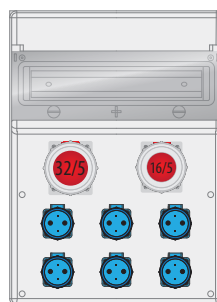


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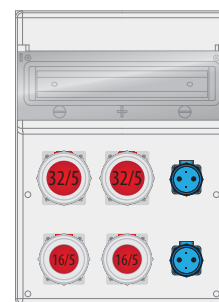
PN-EN 61439-1, PN-EN 61439-3



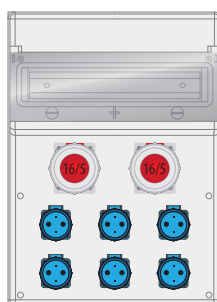
B.MAX-16S-1-S



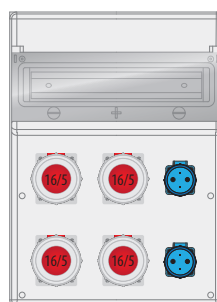
B.MAX-16S-2-S



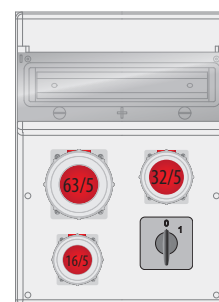
B.MAX-16S-3-S



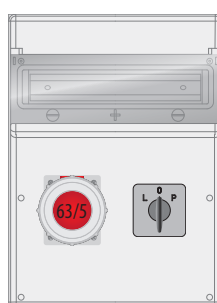
B.MAX-16S-4-S



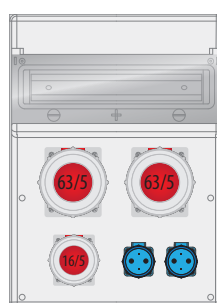
B.MAX-16S-5-S



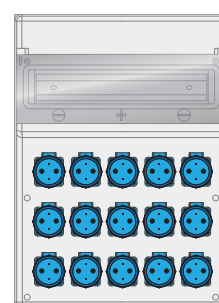
B.MAX-16S-6



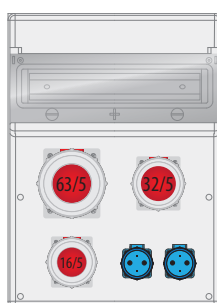
B.MAX-16S-7



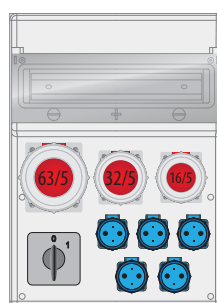
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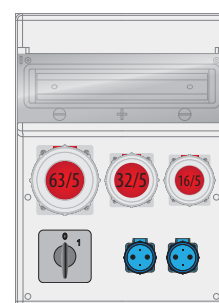
B.MAX-16S-9-S



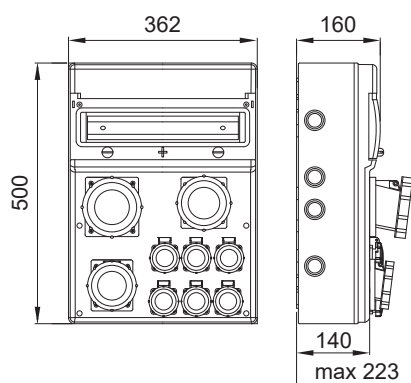
B.MAX-16S-10-S



B.MAX-16S-11-S



B.MAX-16S-12-S



On the customer request, distribution boxes are available in all possible configurations

Distribution box B.MAX Series  
- appropriate PG cable gland inside

## B.MAX-16SZ

**Sockets 250V/16A  
SCHUKO version!**



PG21

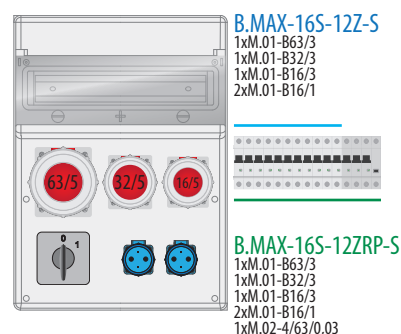
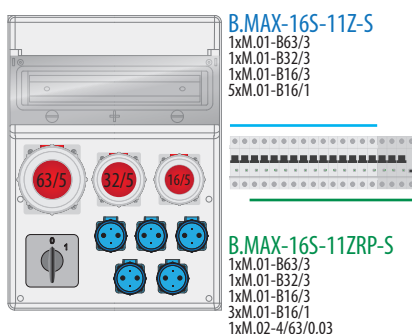
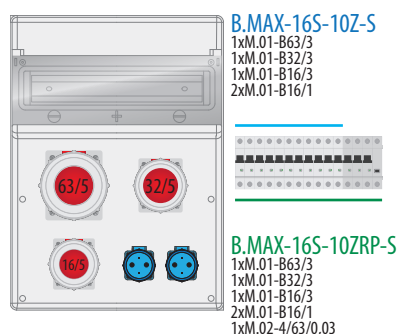
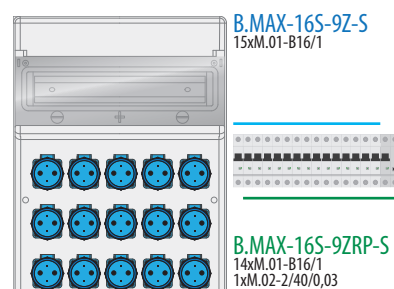
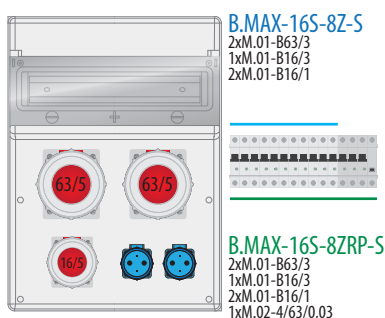
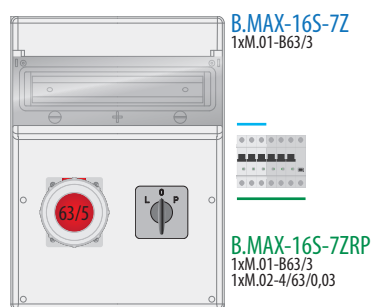
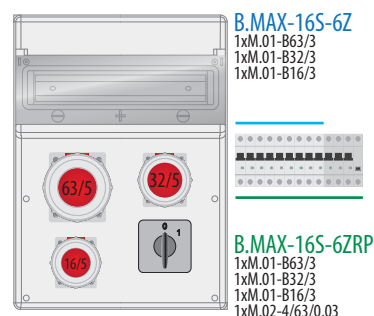
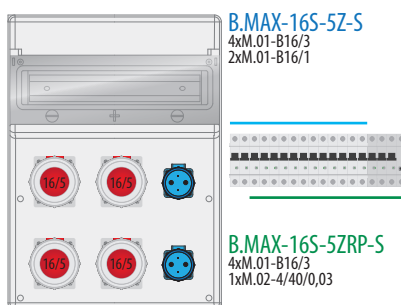
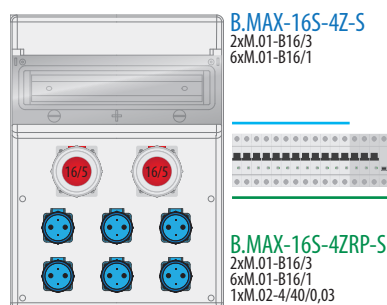
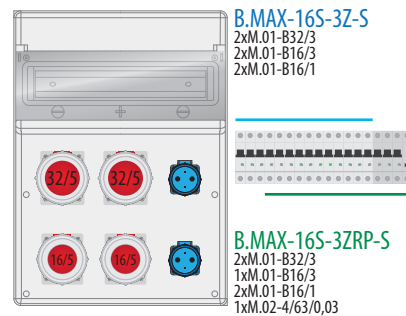
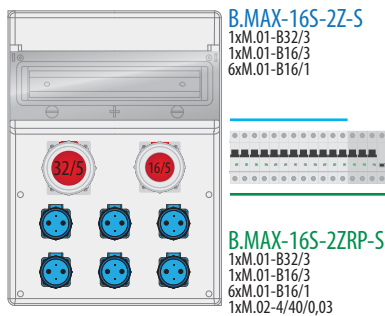
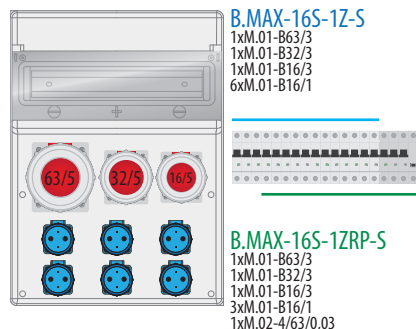
ABS

IP65



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PN-EN 61439-1, PN-EN 61439-3



# Power equipment, cable extenders

## B.MAX-32S

**Sockets 250V/16A  
SCHUKO version!**



PG21

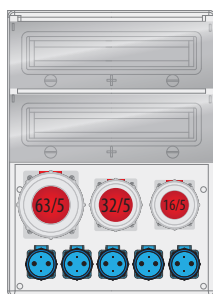
ABS

IP65

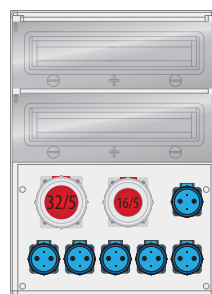


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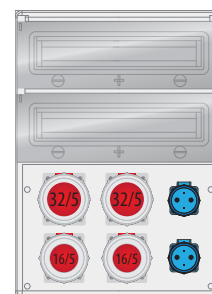
PN-EN 61439-1, PN-EN 61439-3



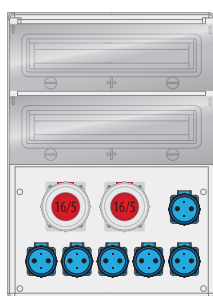
B.MAX-32S-1-S



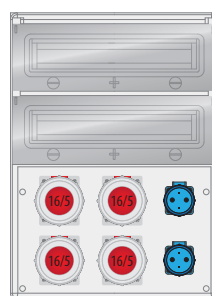
B.MAX-32S-2-S



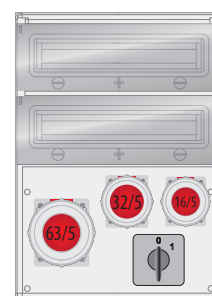
B.MAX-32S-3-S



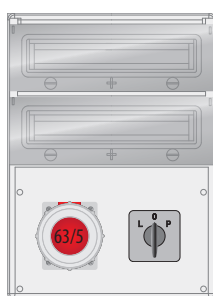
B.MAX-32S-4-S



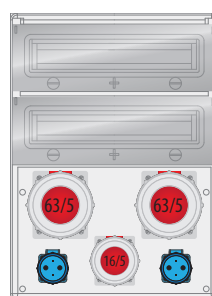
B.MAX-32S-5-S



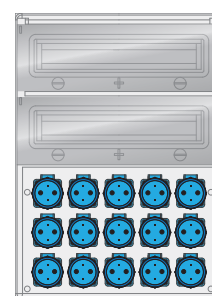
B.MAX-32S-6



B.MAX-32S-7



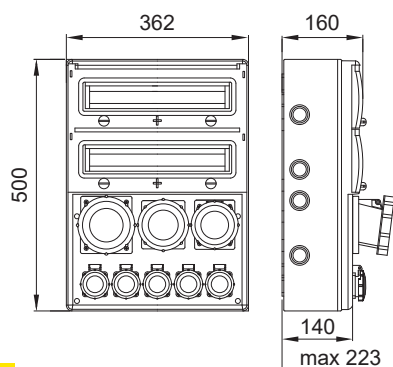
B.MAX-32S-8-S



B.MAX-32S-9-S

On the customer request, distribution boxes are available in all possible configurations

Distribution box B.MAX Series  
- appropriate PG cable gland inside



Rail TH included

Terminal strips adapted to assemble on TH-35 rail or screws to base

Protection class: IP 65

Glass colour: transparent, Casing colour: grey

Norm: PN-EN 61439-1

Impact resistance degree: IK08

Temperature resistance up to: do 650°C

Operating Temperature: -25°C / +85°C

Electrical protection class: II

18 weaknesses for glands - from Ø20mm-Ø40mm

Casing material: ABS - halogen-free, resistant to UV





## B.MAX-32SZ

Sockets 250V/16A  
SCHUKO version!



PG21

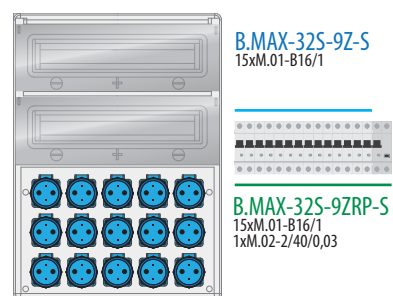
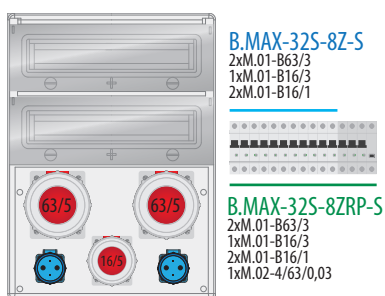
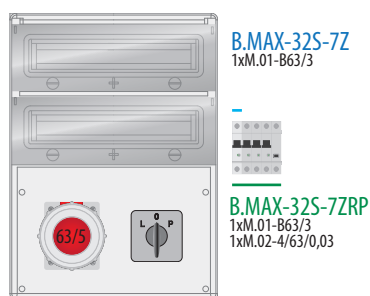
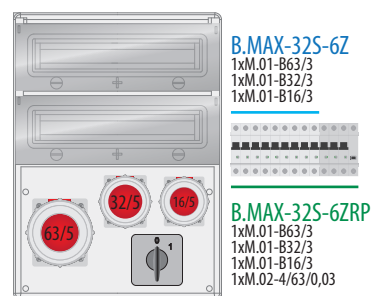
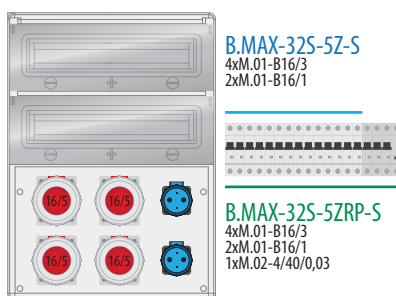
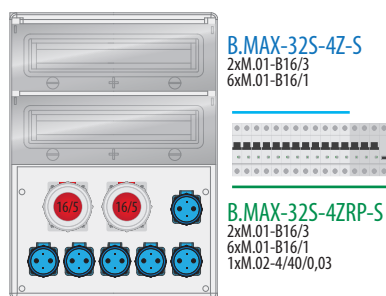
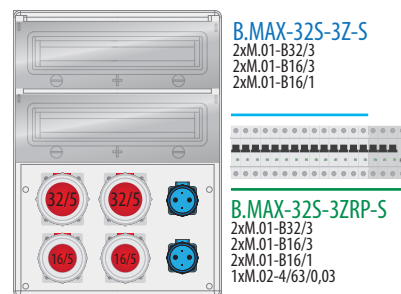
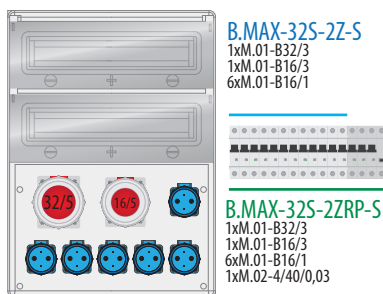
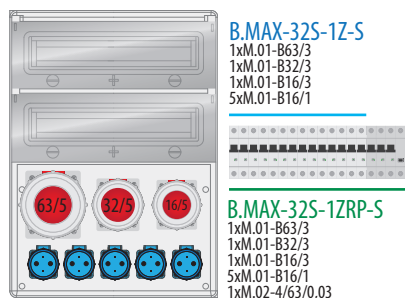
ABS

IP65



1

PN-EN 61439-1, PN-EN 61439-3



# Power equipment, cable extenders

## Column distribution board

**NEW VERSION! MADE OF 2 mm ALUMINIUM PLATE**

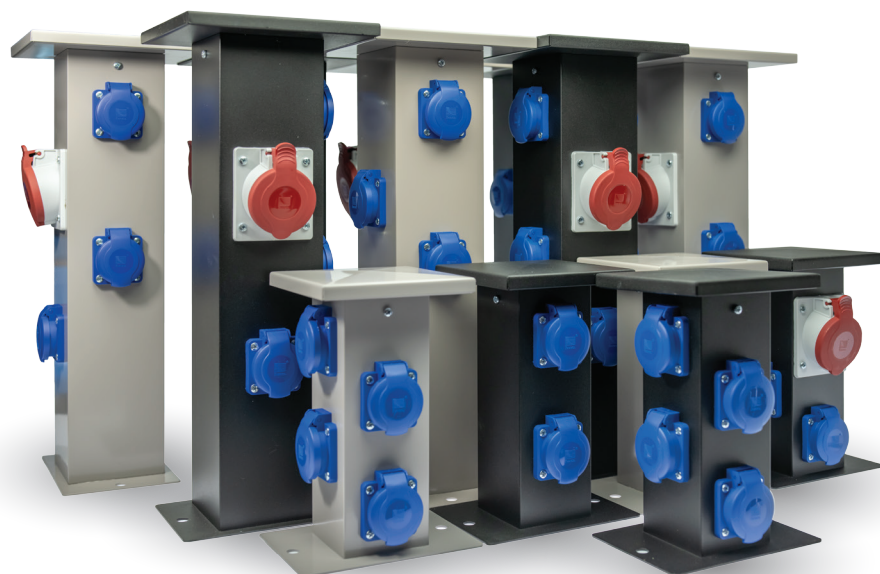
**Sockets 250V/16A  
SCHUKO version!**

Al

Aluminium

gray  
black

IP44



### Distribution board - Big column

Column: 100 x 100 x 453 mm  
Base: 170 x 120 x 2 mm

2 Mounting hole: Ø11,5 mm  
Shelter: 180 x 180 x 15 mm  
Total height: 470 mm

### Distribution board - small column

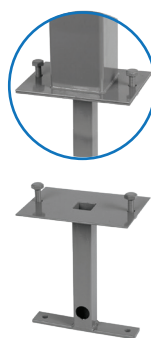
Column: 80 x 80 x 223 mm  
Base: 170 x 120 x 2 mm

2 Mounting hole: Ø 11,5 mm  
Shelter: 140 x 140 x 15 mm  
Total height: 240 mm

### Big column



- |                             |                |  |                             |
|-----------------------------|----------------|--|-----------------------------|
| B.18.DS01S-S                | B.18.DS03S-S   | B.18.DS04S-S                           | B.18.DS41S-S                |
| B.18.DS01C-S                | B.18.DS03C-S   | B.18.DS04C-S                           | B.18.DS41C-S                |
| 1x 16A/5p<br>3 x 250V GZ16A | 4 x 250V GZ16A | 1x 16A/5p, 1x 32A/5p<br>2 x 250V GZ16A | 1x 16A/5p<br>5 x 250V GZ16A |



B.18.PM

Assembly plate  
Assembly: 2 x M10  
Total height : 205 mm

### Small column

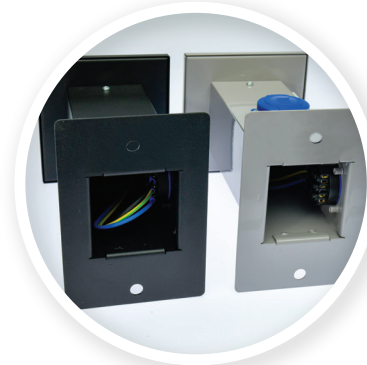


- |                |                |                             |
|----------------|----------------|-----------------------------|
| B.18.MS01S-S   | B.18.MS05S-S   | B.18.MS11S-S                |
| B.18.MS01C-S   | B.18.MS05C-S   | B.18.MS11C-S                |
| 2 x 250V GZ16A | 4 x 250V GZ16A | 1x 16A/5p<br>2 x 250V GZ16A |

Protection class: 1. Power supply must have adequate short-circuit protection and residual current 30mA. Many standard version. Available socket versions: 380V: 16A/5p, 16A/4p, 32A/5p, GZ 250V/16A: IP54, IP67

Terminal strip PS-10 mm2:  
3 or 5 clamps depending on sockets configuration

Mounting method to the ground:  
2 holes Ø11.5 mm in the base



## Portable sockets

PA

Norm: PN-EN 60309-1



B.1040

16A

~400V

IP44



5p



1/12



B.1042

32A

~400V

IP44



5p



1/9



GSPsz Movable power socket quick-fit connection

B.1040SZ

16A

~400V

IP44



5p



1/12



B.1924

16A

~250V

IP67



3p



1/10



B.1925

32A

~250V

IP67



3p



1/10



B.1052

63A

~400V

IP67



5p



1/2



B.1934

16A

~400V

IP67



5p



1/10



B.1935

32A

~400V

IP67



5p



1/10



B.1929

125A

~400V

IP67



5p



1/2



## Board sockets, oblique

PA

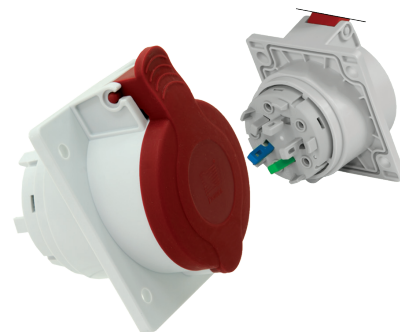
Norm: PN-EN 60309-1



B.1056



B.1058



GSTsz - Board socket quick-fit connection

B.1055



B.1057



B.1056SZ



B.1920



B.1927



B.1054



B.1921



B.1928



B.1905



B.1909





## Stationary power sockets

PA

Norm: PN-EN 60309-1



B.1036

16A

~400V

IP44



5p



5



B.1038

32A

~400V

IP44



5p



5



GSsz - Power socket, quick-fit connector

B.1036SZ

16A

~400V

IP44



5p



1/9



B.1938

16A

~400V

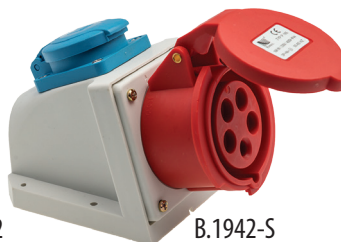
IP67



5p



1/10



B.1942  
French version  
Kombi sockets 16A IP44

16A

~400V/~250V

IP44



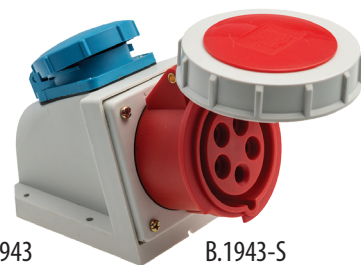
~250V



5p



1



B.1943  
French version  
Kombi sockets 16A IP67

16A

~400V/~250V

IP67



~250V



5p



1

B.1939

32A

~400V

IP67



5p



1/10



B.1048

63A

~400V

IP67



5p



1/2



B.1911

125A

~400V

IP67



5p



1/2



## Movable power plugs

PA

Norm: PN-EN 60309-1



B.1030

16A

IP44



5p



14

~400V

B.1029

16A

IP44



4p



14

~400V



B.1032

32A

IP44



5p



10

~400V

B.1031

32A

IP44

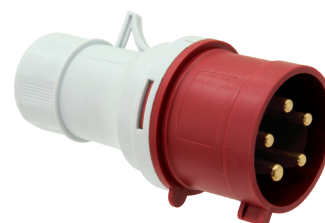


4p



10

~400V



WSz - Power plug, quick-fit connector

B.1030SZ

16A

IP44



5p



1/14

~400V



B.1922

16A

IP67



3p



1/10

~250V



B.1923

32A

IP67



3p



1/10

~250V



B.1050

63A

IP67



5p



1/2

~400V



B.1903

16A

IP67



5p



1/10

~400V



B.1907

32A

IP67



5p



1/10

~400V



B.1913

125A

IP67



5p



1/2

~400V

## Stationary and board power plugs

PA

Norm: PN-EN 60309-1



B.1087



B.1089



B.1918



B.1086



B.1088



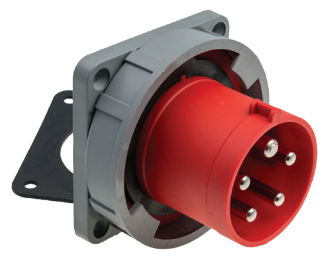
B.1919



B.1930



B.1915



B.1926



B.1931



B.1917



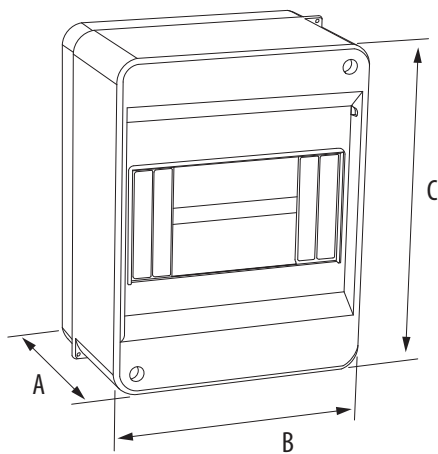
# Housing and distribution boards, distribution box

## Housing, S-type

ABS

Housing

Norm: PN-EN 62208

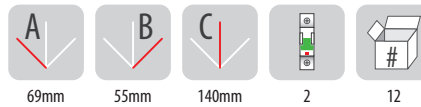


### Housing S-2

IP40



C.2016



Remarks:

### Housing S-3

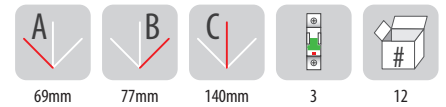
IP40



C.2015

N+PE

C.2060



Remarks: S-3 C.2060 Housing with N+PE terminal strips inside

### Housing S-4

Housing S-4

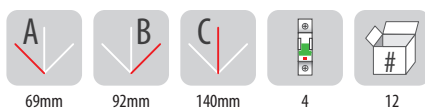
IP40



C.2014

N+PE

C.2062



Remarks: S-4 C.2062 Housing with N+PE terminal strips inside

### Housing S-5

Housing S-5

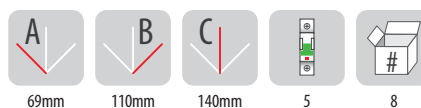
IP40



C.2064

N+PE

C.2065



Remarks: S-5 C.2065 Housing with N+PE terminal strips inside

### Housing S-6

Housing S-6

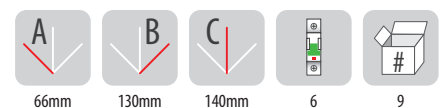
IP40



C.2066

N+PE

C.2021



Remarks: S-6 C.2021 Housing with N+PE terminal strips inside



## Housing S-type

ABS

PC

Housing

Glass

Norm: PN-EN 62208

Inside and back  
S-6 N+PE

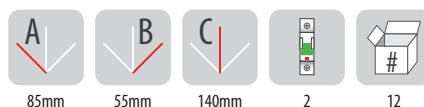


Housing S-2 with smoky glass

IP40



C.2030



Remarks:

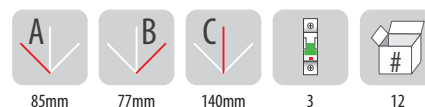
Housing S-3 with smoky glass

IP40



C.2019

N+PE  
C.2061



Remarks:  
S-3 C.2061 Housing with N+PE terminal strips inside

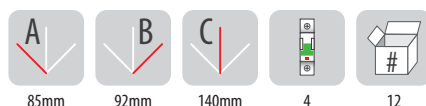
Housing S-4 with smoky glass

IP40



C.2027

N+PE  
C.2063



Remarks:  
S-4 C.2063 Housing with N+PE terminal strips inside

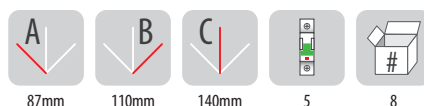
Housing S-5 with smoky glass

IP40



C.2013

N+PE  
C.2020



Remarks: Housing  
S-5 C.2020 Housing with N+PE terminal strips inside

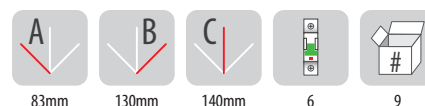
Housing S-6 with smoky glass

IP40



C.2067

N+PE  
C.2031



Remarks:  
S-6 C.2031 Housing with N+PE terminal strips inside

## Housing, S-type

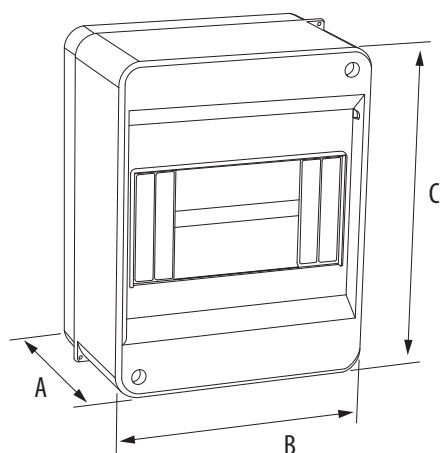
PC

ABS

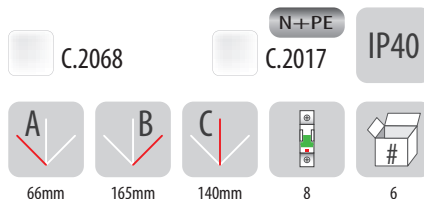
Glass

Housing

Norm: PN-EN 62208

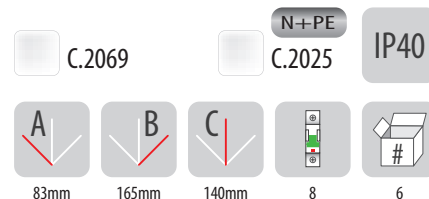


Housing S-8



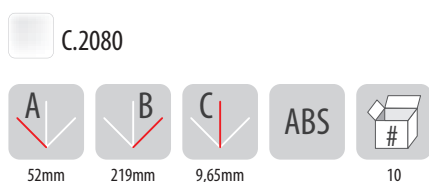
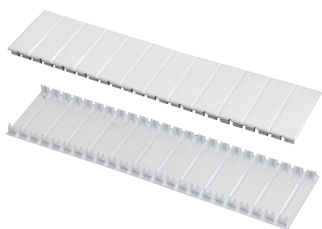
Remarks: S-8 C.2017 Housing with N+PE terminal strips inside

Housing S-8 with smoky glass



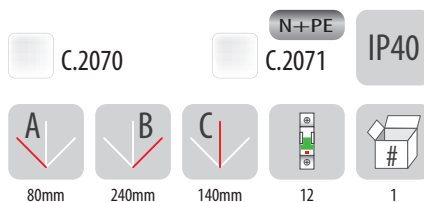
Remarks: S-8 C.2025 Housing with N+PE terminal strips inside

Cover for housing S-12

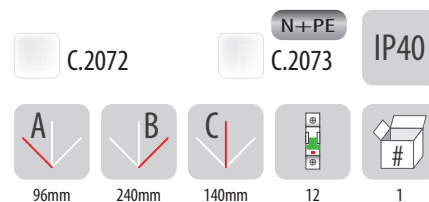


Remarks:

Housing S-12

Remarks:  
S-12 C.2071 Housing with N+PE terminal strips inside

Housing S-12 with smoky glass

Remarks:  
S-12 C.2073 Housing with N+PE terminal strips inside

RAL  
7035

ABS

Norm: PN-EN 62208

## Facing wall distribution boards IP65

### Facing wall distribution boards



N+PE IP65

C.14504

A	B	C	4	1
105mm	145mm	200mm	4	1

Remarks: Rated insulation voltage 1000V (AC/DC)

### Facing wall distribution boards



N+PE IP65

C.14508

A	B	C	8	1
105mm	215mm	200mm	8	1

Remarks: Rated insulation voltage 1000V (AC/DC)

### Facing wall distribution boards



N+PE IP65

C.14512

A	B	C	12	1
105mm	290mm	240mm	12	1

Remarks: Rated insulation voltage 1000V (AC/DC)

## High quality surface mounted IP65 distribution boards

### Facing wall distribution boards



N+PE IP65

C.14524

A	B	C	24	1
140mm	300mm	400mm	24	1

Remarks: Rated insulation voltage 1000V (AC/DC)

### Facing wall distribution boards



N+PE IP65

C.14536

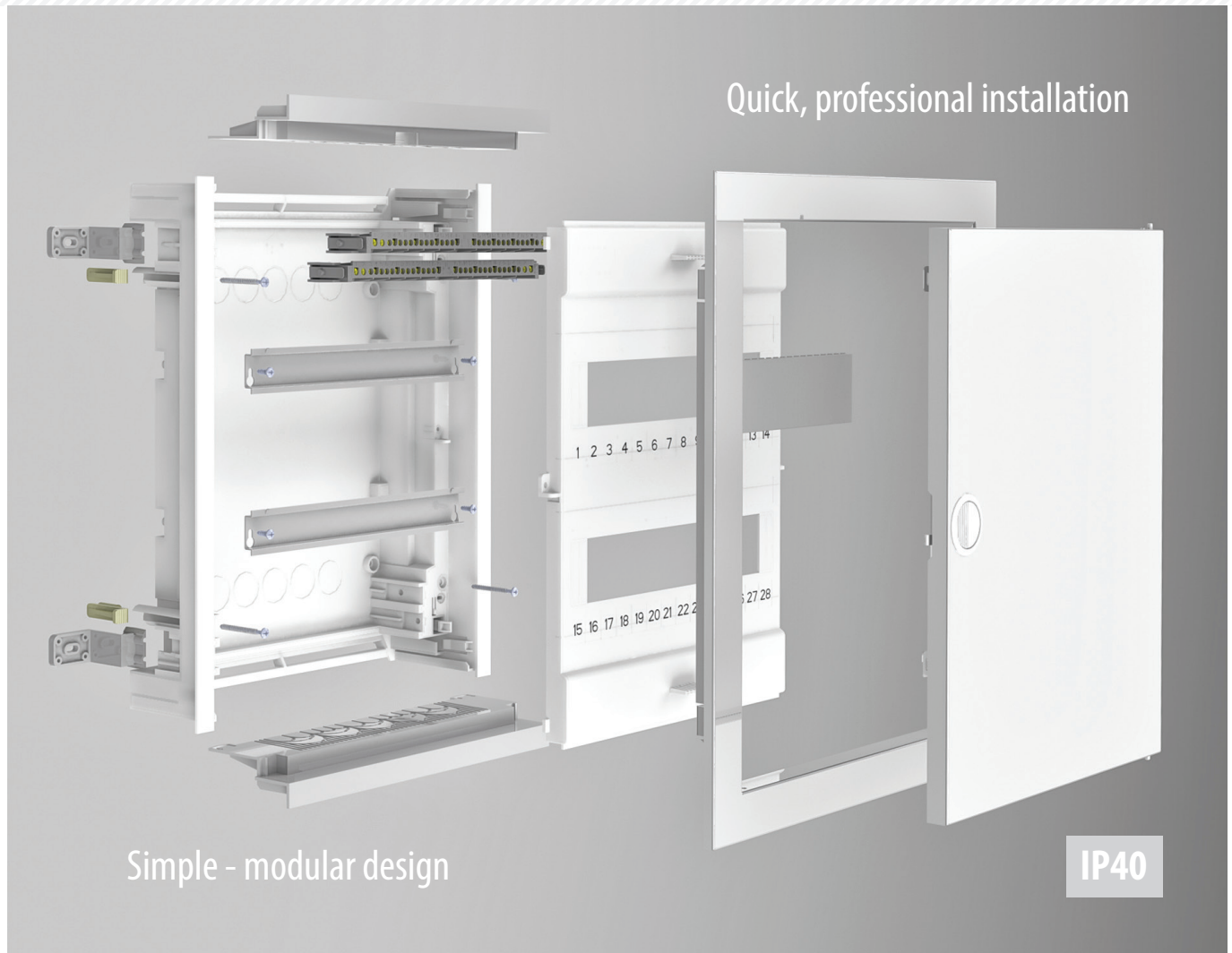
A	B	C	36	1
143mm	430mm	400mm	36	1

Remarks: Rated insulation voltage 1000V (AC/DC)

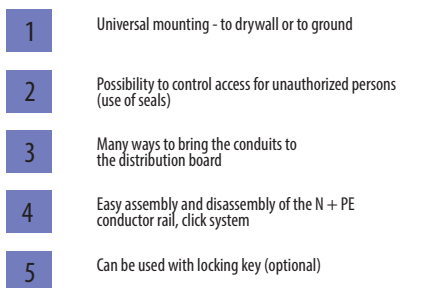


# Housing and distribution boards, distribution box

Fully-equipped, ready to install universal distribution boards are available in five versions with metal door. Suitable for installation in masonry and plaster walls.



Large installation comfort due to smart design providing plenty of space inside the distribution board.



- 1 Universal mounting - to drywall or to ground
- 2 Possibility to control access for unauthorized persons (use of seals)
- 3 Many ways to bring the conduits to the distribution board
- 4 Easy assembly and disassembly of the N + PE conductor rail, click system
- 5 Can be used with locking key (optional)



RAL  
9016

## Universal distribution boards, n-row

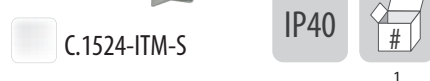
Norm: PN-EN 60439-3 In case of using key lock, amount of modules that can be used in a row adjacent to lock is reduced by 1

### Universal 1-row distribution board, Type: RO-1



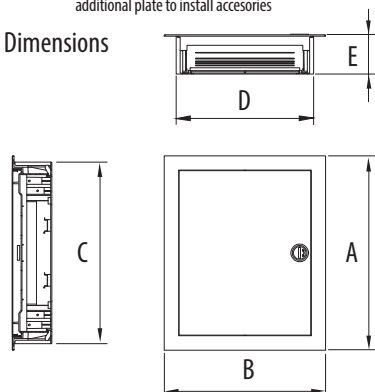
Remarks: N+PE conductor rail 2x (2 x 25 mm<sup>2</sup> + 14 x 16 mm<sup>2</sup>) - 1 pcs

### IT distribution board Typ RO-2 with plastic doors



C.1524-IT: Metal plate, perforated, 220x250mm, BETA1 socket  
C.1524-ITM: Metal plate, perforated, 220x250mm, BETA1 socket, additional plate to install accessories

### Dimensions



	A mm	B mm	C mm	D mm	E mm
C.1512	343	368	314	314	93
C.1524	443	368	414	314	93
C.1524-IT	443	368	414	314	95
C.1524-ITM	443	368	414	314	95
C.1536	568	368	539	314	93
C.1548	753	368	724	314	93
C.1560	878	368	849	314	93

### Universal 2-rows distribution board, Type: RO-2



Remarks: N+PE conductor rail 2x (2 x 25 mm<sup>2</sup> + 14 x 16 mm<sup>2</sup>) - 1 pcs

### Universal 3-rows distribution board, Type: RO-1



Remarks: N+PE conductor rail 2x (2 x 25 mm<sup>2</sup> + 14 x 16 mm<sup>2</sup>) - 2 pcs

### Additional parameters:

- >>> Protection class II
- >>> Rated voltage 400V
- >>> The stability of the operation from -15°C to +60°C

### The content of universal distribution boards:

- >>> Carrying rails framework
- >>> N + PE conductor rail 2x (2 x 25 mm<sup>2</sup> + 14 x 16 mm<sup>2</sup>)
- >>> Metal door closed on the latch or lock
- >>> Mounting bracket TH 35

### Universal 4-rows distribution board Type: RO-4



Remarks: N+PE conductor rail 2x (2 x 25 mm<sup>2</sup> + 14 x 16 mm<sup>2</sup>) - 2 pcs

### Universal 5-rows distribution board Type: RO-5



Remarks: N+PE conductor rail 2x (2 x 25 mm<sup>2</sup> + 14 x 16 mm<sup>2</sup>) - 2 pcs

### Accessories:

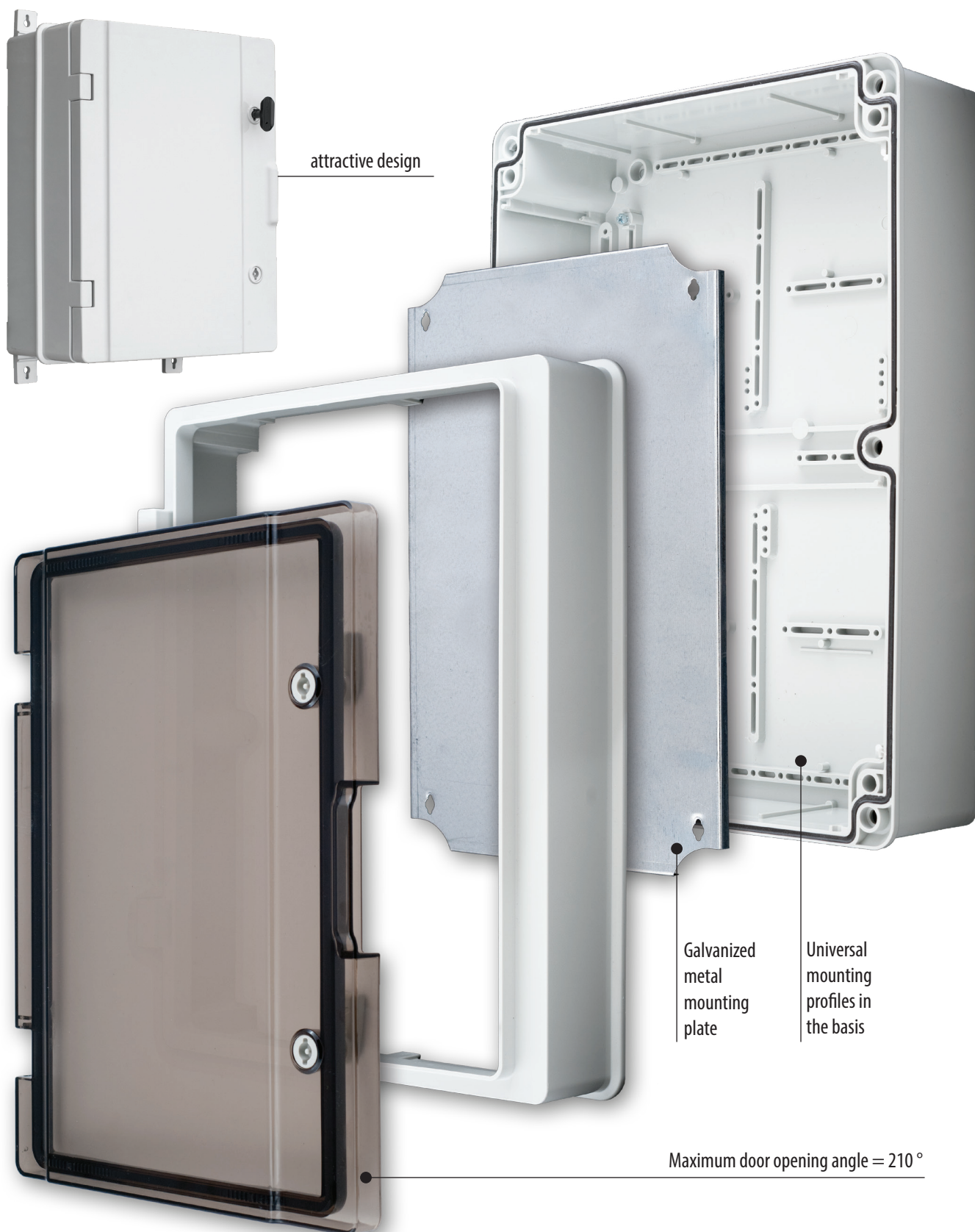
C.2080  
Cover for housing S-12



## Housing and distribution boards, distribution box

Hermetic distribution cabinet - version with metal mounting plate, available with transparent and nontransparent door or in version with UV resistant nontransparent door.

IP65



A wide range of hermetic distribution cabinets. Durable! Practical! Spacious!  
Hermetic distribution cabinets are available in five dimensional useful versions.

IP65



Distribution board catalogue no.			A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
Nontransparent door	nontransparent UV resistant door	Transparent door					
C.1600	C.1600UV	C.1600-P	221	311	137	270	174.5
C.1601	C.1601UV	C.1601-P	265	355	152	315	227
C.1602	C.1602UV	C.1602-P	310	410	170	360	245
C.1602H	C.1602UVH		310	410	230	360	245
C.1603	C.1603UV	C.1603-P	410	610	202	564	375
C.1604	C.1604UV	C.1604-P	511	711	253,5	660	472

Note: Offered cabinets are available in a version with key and lock made of plastic

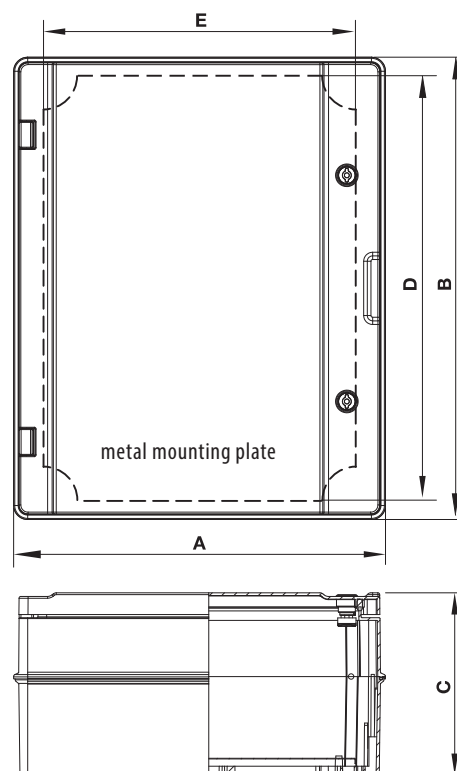
**NEW - C.1602H and C.1602UVH version have bigger depth - 230 mm!**

Additional parameters:

- Housing material: ABS
- Transparent door material: polycarbonate
- Impact resistance for the entire cabinet: IK 10
- UV resistance available as an option for nontransparent door version
- Operating temperature range: -25 ° to +60 °
- Polyurethane gasket



Example of control equipment and accessories installation



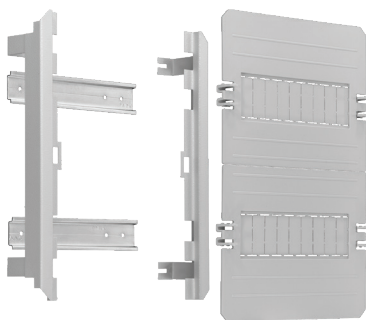


# Housing and distribution boards, distribution box

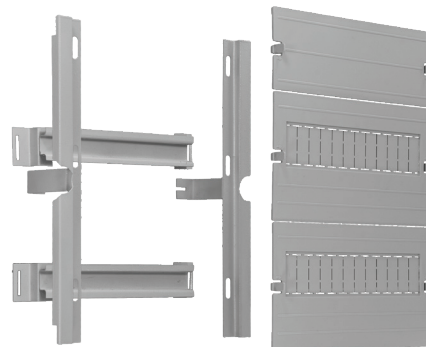
## Facing wall, hermetic boxes



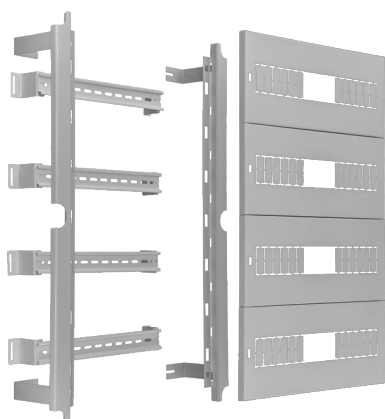
C.1600/PM



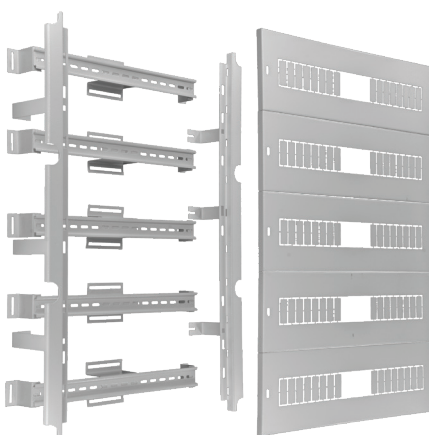
C.1601/PM



C.1602/PM



C.1603/PM



C.1604/PM



C.16-ZM

For the all IP 65 hermetic distribution cabinets offer we recommend the purchase of a metal lock – catalogue no. C.16-ZM

In our offer we have fixing packages for all offered distribution cabinets

fixing package catalogue no.	number of modules	fixing packages (masking fixing material - metal)	masking material	cabinet external dimensions (mm)	cabinet catalogue no.		
					nontransparent door	nontransparent UV resistant door	transparent door
C.1600/PM	2 x 8	fixing package for 210 IP 65 hermetic distribution cabinet	metal	221x311x137	C.1600	C.1600UV	C.1600-P
C.1601/PM	2 x 9	fixing package for 260 IP 65 hermetic distribution cabinet	metal	265x355x152	C.1601	C.1601UV	C.1601-P
C.1602/PM	3 x 10	fixing package for 300 IP 65 hermetic distribution cabinet	metal	310x410x170	C.1602	C.1602UV	C.1602-P
C.1603/PM	4 x 16	fixing package for 400 IP 65 hermetic distribution cabinet	metal	410x610x202	C.1603	C.1603UV	C.1603-P
C.1604/PM	5 x 20	fixing package for 500 IP 65 hermetic distribution cabinet	metal	511x711x254	C.1604	C.1604UV	C.1604-P



3 popular models of hermetic distribution cabinets IP65 are available in many versions with built-in power equipment

Illustrations of power equipment in C.16xx cabinets show the configuration of sockets, which is integral element to the complete cabinet.



C.1600 / C.1600UV / C.1600-P

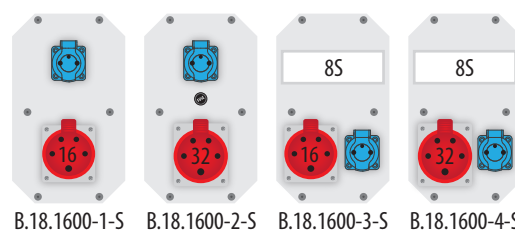


C.1601 / C.1601UV / C.1601-P

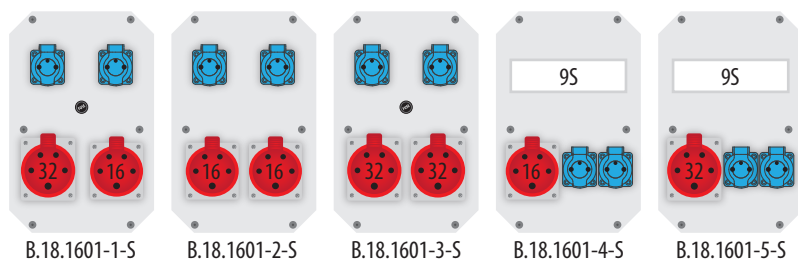
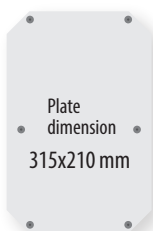


C.1602 / C.1602UV / C.1602-P

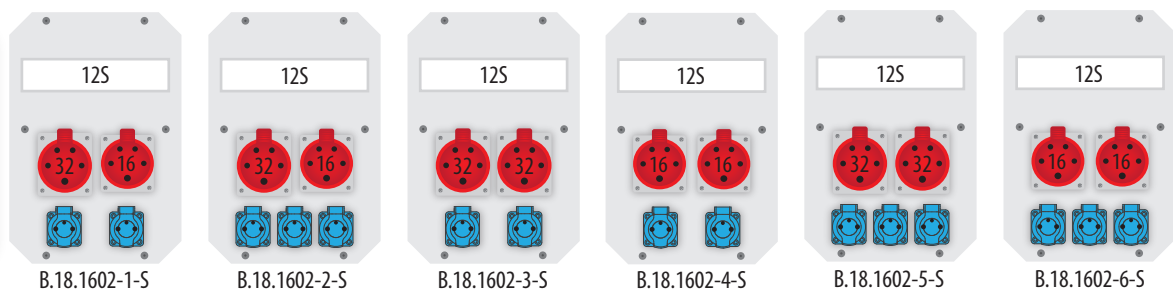
Exemplary configurations of series C.1600 / C.1600UV / C.1600-P



Exemplary configurations of series C.1601 / C.1601UV / C.1601-P



Exemplary configurations of series C.1602 / C.1602UV / C.1602-P

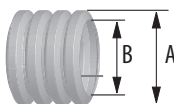


On the customer request, hermetic distribution cabinet IP 65 are available in all possible configurations, also in version with protection, including wire and plug

# Pipes, ducts, connections

## Flexible corrugated pipes PVC 320N

Material: Self-extinguishable PVC (Calcium-Zinc stabilization)  
/ Pipes with tensile steel wire  $\varnothing$  0,5mm inside



Flexible corrugated pipes with dimensions [A] / [B] :	Flexible corrugated pipes PVC 320N type		Flexible corrugated pipes PVC 320N type with pilot	
	Catalogue number	Quantity in package	Catalogue number	Quantity in package
16 / 11	6109-25	25 m	6160-25	25 m
16 / 11	6109-50	50 m	6160-50	50 m
20 / 14,5	6100A-25	25 m	6161A-25	25 m
20 / 14,5	6100A-50	50 m	6161A-50	50 m
25 / 19	6102A-25	25 m	6163A-25	25 m
25 / 19	6102A-50	50 m	6163A-50	50 m
32 / 25	6110	25 m	6166-25	25 m
32 / 25	6110-50	50 m	6166-50	50 m
40 / 33	6167-25	25 m	6168-25	25 m

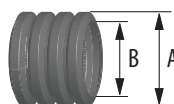


Flexible corrugated pipes PVC <b>Black Colour</b> with dimensions [A] / [B] :	Flexible corrugated pipes PVC 320N type <b>UV resist</b>	
	Catalogue number	Quantity in package
16/11	6109A-25UV	25 m
16/11	6160A-25UV	25 m
20/14,5	6100A-25UV	25 m
20/14,5	6161A-25UV	25 m
25/19	6102A-25PUV	25 m
25/19	6163A-25UV	25 m
32/25	6110A-25UV	25 m
32/25	6166A-25UV	25 m

## Flexible corrugated pipes PVC 750N type

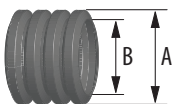
Material: Self-extinguishable PVC (Calcium-Zinc stabilization) / Pipes with tensile steel wire  $\varnothing$  0,5mm inside

Flexible corrugated pipes with dimensions [A] / [B] :	Flexible corrugated pipes PVC 750N type		Flexible corrugated pipes PVC 750N type with pilot	
	Catalogue number	Quantity in package	Catalogue number	Quantity in package
16 / 11	6109-25 / 750	25 m	6160-25 / 750	25 m
16 / 11	6109-50 / 750	50 m	6160-50 / 750	50 m
20 / 14,5	6100A-25 / 750	25 m	6161A-25 / 750	25 m
20 / 14,5	6100A-50 / 750	50 m	6161A-50 / 750	50 m
25 / 19	6102A-25 / 750	25 m	6163A-25 / 750	25 m
25 / 19	6102A-50 / 750	50 m	6163A-50 / 750	50 m
32 / 25	6110 / 750	25 m	6166-25 / 750	25 m
32 / 25	6110-50 / 750	50 m	6166-50 / 750	50 m
40 / 33	6167-25/750	25 m	6168-25 / 750	25 m





Corrugated pipe car type plain and cut



Conduit is used for protecting wire harnesses from moisture and mechanical damage. It is also used in the apparatus of industrial control and automation systems, and other electrical equipment.

Color: black.  
Kind of material: LDPE ( Low density Poly Ethylene).

Dimensions [A] mm / [B] mm:	Catalogue number Simple	Catalogue number Dissected	Quantity in package
10 / 7	G.6157	G.6157R	100 mb.
12 / 9	G.6158	G.6158R	100 mb.
16 / 11	G.6150	G.6150R	100 mb.
18 / 13,5	G.6151	G.6151R	100 mb.
20 / 14,5	G.6152	G.6152R	100 mb.
25 / 19	G.6153	G.6153R	50 mb.
32 / 25	G.6155	G.6155R	50 mb.





# Pipes, ducts, connections

## Flexible spiral corrugated pipes 320 N, Self- extinguishable, UV resist



Cat. No	Dimension A/B	Color	Quantity
17008C	12,4 / 8	Black	30 m
17010C	14,6 / 10		
17012C	16,2 / 12		
17016C	20,2 / 16		
17020C	24,2 / 20		
17025C	29,6 / 25		
17032C	37,2 / 32		
17040C	45,3 / 40		
17012	16,2 / 12	Gray RAL 7035	
17016	20,2 / 16		
17020	24,2 / 20		
17025	29,6 / 25		

Type: light 320N

Working temperature: -5 to 60 °C

Impact resistance: IK07

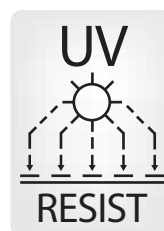
Non-spreading flame: self-extinguishing V0

Insulation Resistance > 100 Mega Ohm

Dielectric strength: 2000V 50Hz

Norm: EN 61386-1, EN 61386-23

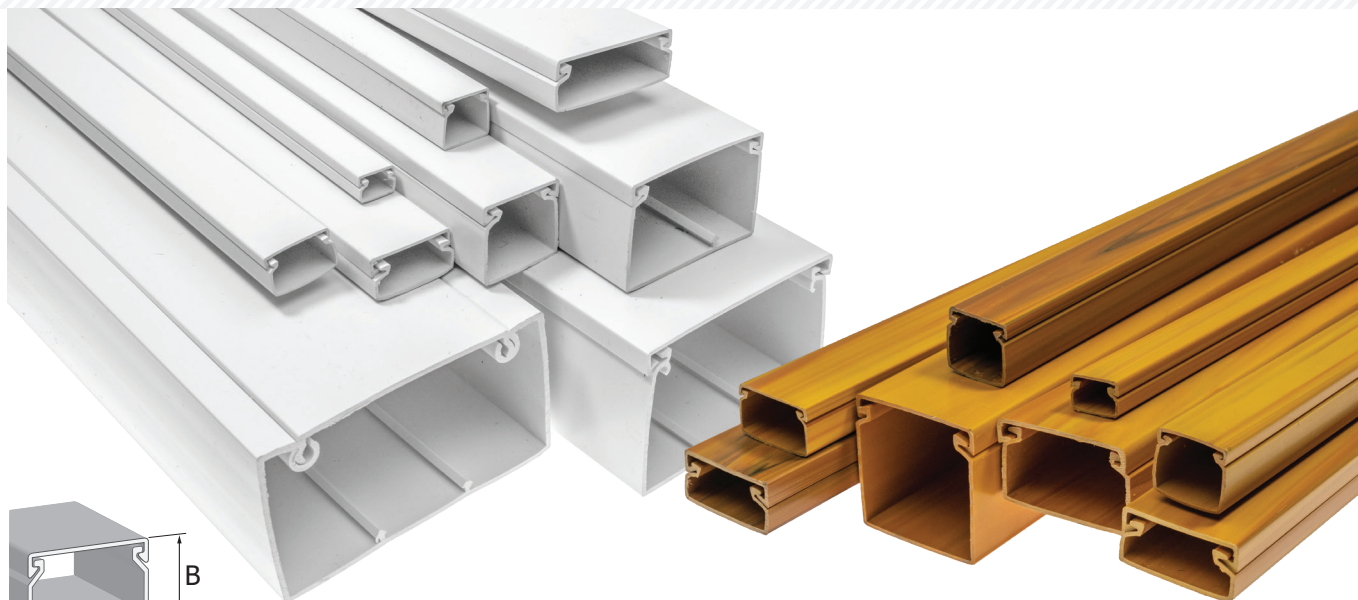
The product is resistant to UV radiation





## Cable ducts

Norm: PN-EN 50085-2-1



 Dimension AxB	Catalogue number - color			Quantity in package
	white	light bronze	dark bronze	
15x10	K.1510	K.1510JBR	K.1510CBR	80 mb / 40 pcs.
17x15	K.1715	K.1715JBR	K.1715CBR	42 mb / 11 pcs.
20x18	K.2018	K.2018JBR	K.2018CBR	60 mb / 30 pcs.
25x15	K.2515	K.2515JBR	K.2515CBR	60 mb / 30 pcs.
32x15	K.3215	K.3215JBR	K.3215CBR	48 mb / 24 pcs.
32x30	K.3230	K.3230JBR	K.3230CBR	56 mb / 28 pcs.
40x25	K.4025	K.4025JBR	K.4025CBR	50mb / 25 pcs.
40x40	K.4040	K.4040JBR	K.4040CBR	48 mb / 24 pcs.
50x18	K.5018	-	-	60 mb / 30 pcs.
60x40	K.6040	-	-	32 mb / 16 pcs.
90x60	K.9060	-	-	12 mb / 6 pcs.
110x60	K.11060	-	-	8 mb / 4 pcs.
130x60	K.13060	-	-	8 mb / 4 pcs.

# Lighting equipment

IP44














250V



## Hermetic sockets BETA1 and hermetic switches BETA

**NEW** Sets colors: black

**Sockets 250V/16A SCHUKO version!**

Name	Catalogue no.	Kind	Switch, type	Sockets 2P + Z	Sockets:				
					Version	Black socket flap color			
Hermetic switches BETA: norm PN-EN 60669-1, Current [A]: ~10AX (X- you can use it in fluorescent lamp)									
BETA hermetic switches	D.3710WC	single		unipolar			65mm	12	
	D.3710W2C	single		candlestick			65mm	12	
	D.3710WSC	single		staircase			65mm	12	
	D.3710WKC	single		cross			65mm	12	
	D.3710WDC	single		momentary-bell			65mm	12	
Hermetic socket BETA1: norm PN-IEC 60884-1, Current [A]: ~16A									
Hermetic sockets BETA1	D.3711SCG/1	single			1	Schuko	●	65mm	12
	D.3710CG/1	single			1	French	●	65mm	12
	D.3713SCGG/1	double			2	Schuko	●	130mm	6
	D.3712CGG/1	double			2	French	●	130mm	6
Hermetic switches BETA: norm PN-EN 60669-1, Current [A]: ~10AX (X- you can use it in fluorescent lamp) \ Hermetic socket BETA1: norm PN-IEC 60884-1, Current [A]: ~16A									
Hermetic switches BETA and hermetic sockets BETA1	D.3715SCGGG/1	triple			3	Schuko	●	195mm	6
	D.3714CGGG/1	triple			3	French	●	195mm	6



**NEW ! Now BETA hermetic switches and BETA1 hermetic sockets also in black color!**



## Hermetic sockets BETA1 and hermetic switches BETA



Sets colors: white

**Sockets 250V/16A SCHUKO version!**

Name	Catalogue no.	Kind	Switch, type	Sockets 2P + Z	Socket flap color			
					smoke	white		
Hermetic switches BETA: norm PN-EN 60669-1, Current [A]: ~10AX (X- you can use it in fluorescent lamp)								
BETA hermetic switches	D.3110W	single		unipolar			65mm	12
	D.3110W2	single		candlestick			65mm	12
	D.3110WS	single		staircase			65mm	12
	D.3110WK	single		cross			65mm	12
	D.3110WD	single		momentary-bell			65mm	12
	D.3112WW2	double		unipolar + candlestick			130mm	6
Hermetic socket BETA1: norm PN-IEC 60884-1, Current [A]: ~16A								
Hermetic sockets BETA1	D.3111SG/1	single			1	•	65mm	12
	D.3111SBG/1	single			1	•	65mm	12
	D.3113SGG/1	double			2	•	130mm	6
	D.3113SBGG/1	double			2	•	130mm	6
Hermetic switches BETA: norm PN-EN 60669-1, Current [A]: ~10AX (X- you can use it in fluorescent lamp) \ Hermetic socket BETA1: norm PN-IEC 60884-1, Current [A]: ~16A								
Hermetic switches BETA and hermetic sockets BETA1	D.3113SGW/1	double		unipolar	1	•	130mm	6
	D.3113SBGW/1	double		unipolar	1	•	130mm	6
	D.3113SGW2/1	double		candlestick	1	•	130mm	6
	D.3113SBGW2/1	double		candlestick	1	•	130mm	6
	D.3113SGWS/1	double		staircase	1	•	130mm	6
	D.3113SBGWS/1	double		staircase	1	•	130mm	6
	D.3115SGGG/1	triple			3	•	195mm	6
	D.3115SBGGG/1	triple			3	•	195mm	6

In addition to the above - we offer any configuration of double and triple sets!



# Lighting equipment

IP44

250V



75mm
















48mm

## Hermetic sockets BETA1 and hermetic switches BETA



Sets colors: brown

Sockets 250V/16A SCHUKO version!

Name	Catalogue no.	Kind	Switch, type	Sockets 2P + Z	Socket flap color			
					smoke	white		
Hermetic switches BETA: norm PN-EN 60669-1, Current [A]: ~10AX (X- you can use it in fluorescent lamp)								
BETA hermetic switches	D.3210W	single		unipolar			65mm	12
	D.3210W2	single		candlestick			65mm	12
	D.3210WS	single		staircase			65mm	12
	D.3210WK	single		cross			65mm	12
	D.3210WD	single		momentary-bell			65mm	12
	D.3212WW2	double		unipolar + candlestick			130mm	6
Hermetic socket BETA1: norm PN-IEC 60884-1, Current [A]: ~16A								
Hermetic sockets BETA1	D.3211SG/1	single			1	•	65mm	12
	D.3211SBRG/1	single			1	•	65mm	12
	D.3213SGG/1	double			2	•	130mm	6
	D.3213SBRGG/1	double			2	•	130mm	6
Hermetic switches BETA: norm PN-EN 60669-1, Current [A]: ~10AX (X- you can use it in fluorescent lamp) \ Hermetic socket BETA1: norm PN-IEC 60884-1, Current [A]: ~16A								
Hermetic switches BETA and hermetic sockets BETA1	D.3213SGW/1	double		unipolar	1	•	130mm	6
	D.3213SBRGW/1	double		unipolar	1	•	130mm	6
	D.3213SGW2/1	double		candlestick	1	•	130mm	6
	D.3213SBRGW2/1	double		candlestick	1	•	130mm	6
	D.3213SGWS/1	double		staircase	1	•	130mm	6
	D.3213SBRGWS/1	double		staircase	1	•	130mm	6
	D.3215SGGG/1	triple			3	•	195mm	6
	D.3215SBRGGG/1	triple			3	•	195mm	6

Our surface accessories offer of BETA and BETA1 contain a wide range of sockets and switches





## Hermetic sockets BETA1 and hermetic switches BETA



Sets colors: grey

Sockets 250V/16A SCHUKO version!

Name	Catalogue no.	Kind	Switch, type	Sockets 2P + Z	Socket flap color			
					smoke	white		
Hermetic switches BETA: norm PN-EN 60669-1, Current [A]: ~10AX (X- you can use it in fluorescent lamp)								
BETA hermetic switches	D.3610W	single		unipolar			65mm	12
	D.3610W2	single		candlestick			65mm	12
	D.3610WS	single		staircase			65mm	12
	D.3610WK	single		cross			65mm	12
	D.3610WD	single		momentary-bell			65mm	12
	D.3612WW2	double		unipolar + candlestick			130mm	6
Hermetic socket BETA1: norm PN-IEC 60884-1, Current [A]: ~16A								
Hermetic sockets BETA1	D.3611SG/1	single			1	•	65mm	12
	D.3611SSG/1	single			1		65mm	12
	D.3613SGG/1	double			2	•	130mm	6
	D.3613SSGG/1	double			2		130mm	6
Hermetic switches BETA: norm PN-EN 60669-1, Current [A]: ~10AX (X- you can use it in fluorescent lamp) \ Hermetic socket BETA1: norm PN-IEC 60884-1, Current [A]: ~16A								
Hermetic switches BETA and hermetic sockets BETA1	D.3613SGW/1	double		unipolar	1	•	130mm	6
	D.3613SSGW/1	double		unipolar	1		130mm	6
	D.3613SGW2/1	double		candlestick	1	•	130mm	6
	D.3613SSGW2/1	double		candlestick	1		130mm	6
	D.3613SGWS/1	double		staircase	1	•	130mm	6
	D.3613SSGWS/1	double		staircase	1		130mm	6
	D.3615SGGG/1	triple			3	•	195mm	6
	D.3615SSGGG/1	triple			3		195mm	6

NEW ! Now BETA hermetic switches and BETA1 hermetic sockets also in grey color!



Application: technical rooms, warehouses, garages, laundry rooms, bathrooms

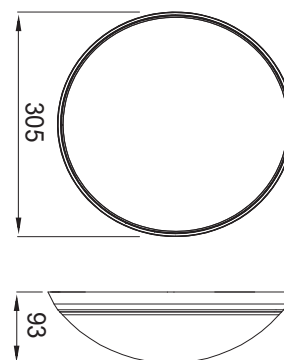
# Lighting equipment



## Lamp housing PANTERA



Norm: PN-EN 60598-1



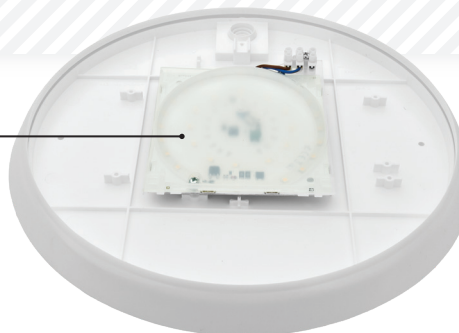
### Advantages of PANTERA lamp housing

- » Large choice of lamp housing configurations
- » High esthetic of realization
- » High mechanical impact resistance of lampshades - IK10 !
- » LED version with radar motion sensor are equipped with a corridor function
- » **LED version with diffuser and motion sensor**
- » The lampshade is made of high quality material - polycarbonate (PC)
- » UV resistant
- » It has PZH / hygienic approval



### Advantages of LED light diffuser

- » Initial light dispersion inside the lamp housing
- » Better distribution of light on the lampshade
- » Greater safety – separation from the 230V voltage on the led plate



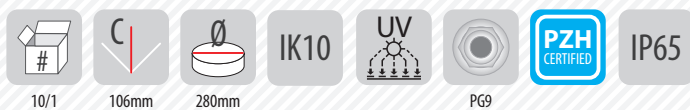
Light source: E27

Wersja	Motion Sensor	Supply	Power max	Lampshade version: Transparent		Lampshade version: Lacteal		
				Ring color: white	Ring color: black	Ring color: white	Ring color: black	Ring color: silver
Standard version		230V AC	18W	D.3190	D.3190C	D.3190M	D.3190CM	D.3190SM
Standard version with motion sensor	x	230V AC	18W	D.3190R		D.3190RM	D.3190CRM	D.3190SRM

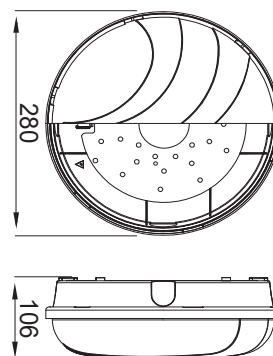
Light source: LED SMD, CRI>80, color 4000K - white neutral

Wersja	Strumień świetlny	Motion Sensor	Supply	Power	Lampshade version: Transparent		Lampshade version: Lacteal		
					Ring color: white	Ring color: black	Ring color: white	Ring color: black	Ring color: silver
Standard version with motion sensor	900lm	x	230V AC	9W	D.3198R-BN-9W	D.3198CR-BN-9W	D.3198RM-BN-9W	D.3198SRM-BN-9W	D.3198CRM-BN-9W
Standard version with motion sensor	1400lm	x	230V AC	13W	D.3198R-BN-13W	D.3198CR-BN-13W	D.3198RM-BN-13W	D.3198SRM-BN-13W	D.3198CRM-BN-13W
Standard version with diffuser and motion sens.	1400lm	x	230V AC	13W			D.3198DRM-BN-13W	D.3198DSRM-BN-13W	D.3198DCRM-BN-13W
Special version 24V AC with motion sensor	1400lm	x	24V AC	13W	D.3198R-BN-13W/24V	D.3198CR-BN-13W/24V	D.3198RM-BN-13W/24V	D.3198SRM-BN-13W/24V	D.3198CRM-BN-13W/24V
Spec. ver. 24V AC with diffuser and motion sens.	1400lm	x	24V AC	13W				D.3198DSRM-BN-13W/24V	
Standard version with motion sensor	2070lm	x	230V AC	20W	D.3198R-BN-20W	D.3198CR-BN-20W	D.3198RM-BN-20W	D.3198SRM-BN-20W	D.3198CRM-BN-20W
Standard version	1400lm		230V AC	13W	D.3198-BN-13W		D.3198M-BN-13W		
Standard version with diffuser	1400lm		230V AC	13W			D.3198DM-BN-13W	D.3198DSM-BN-13W	D.3198DCM-BN-13W
Special version with diffuser and AW control	1400lm		230V AC	13W			D.3198DM-AW-BN-13W		
Special version 24V AC	1400lm		24V AC	13W	D.3198-BN-13W/24V	D.3198C-BN-13W/24V			D.3198CM-BN-13W/24V
Standard version	2070lm		230V AC	20W	D.3198-BN-20W	D.3198C-BN-20W	D.3198M-BN-20W	D.3198SM-BN-20W	D.3198CM-BN-20W

## Lamp housing Panda ROUND



Norm: PN-EN 60598-1

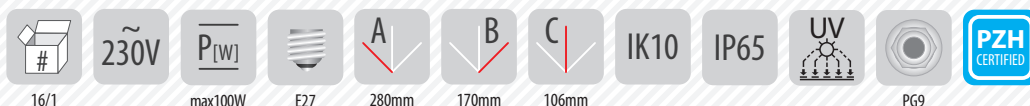


Light source: E27, IP65

Version	Motion Sensor	Supply	Power max	Lampshade version: Transparent		Lampshade version: Lacteal	
				white bottom	black bottom	white bottom	black bottom
Wersja standardowa		230V AC	18W	D.3175	D.3175C	D.3175M	D.3175CM
Wersja standardowa z czujnikiem ruchu	x	230V AC	18W	D.3175R	D.3175CR	D.3175RM	D.3175CRM
Wersja specjalna 24V AC		24V AC	18W				
Wersja specjalna 24V AC z czujnikiem ruchu	x	24V AC	18W	D.3175R/24V		D.3175RM/24V	

Light source: LED SMD, CRI>80, color 4000K - white neutral

Version	Luminous flux	Motion Sensor	Supply	Power	Lampshade version: Transparent		Lampshade version: Lacteal	
					white bottom	black bottom	white bottom	black bottom
Standard version with motion sensor	900lm	x	230V AC	9W	D.3175R-BN-9W	D.3175CR-BN-9W	D.3175RM-BN-9W	D.3175CRM-BN-9W
Standard version with motion sensor	1400lm	x	230V AC	13W			D.3175RM-BN-13W	D.3175CRM-BN-13W
Special version 24V AC with motion sensor	1400lm	x	24V AC	13W	D.3175R-BN-13W/24V	D.3175CR-BN-13W/24V	D.3175RM-BN-13W/24V	D.3175CRM-BN-13W/24V
Standard version with motion sensor	2070lm	x	230V AC	20W	D.3175R-BN-20W	D.3175CR-BN-20W	D.3175RM-BN-20W	D.3175CRM-BN-20W
Standard version	1400lm		230V AC	13W			D.3175M-BN-13W	D.3175CM-BN-13W
Standard version	2070lm		230V AC	20W	D.3175-BN-20W	D.3175C-BN-20W	D.3175M-BN-20W	D.3175CM-BN-20W
Special version 24V AC	1400lm		24V AC	13W			D.3175M-BN-13W/24V	D.3175CM-BN-13W/24V



Norm: PN-EN 60598-1 Remarks: Bulb holder E27 ceramic

## Lamp housing Panda OVAL

Panda OVAL  
transparent lampshade, white bottom



Panda OVAL  
milky lampshade, white bottom



Panda OVAL  
transparent lampshade, black bottom



Panda OVAL  
milky lampshade, black bottom



## Lamp housing AFRODYTA



IK10

IP44



303mm

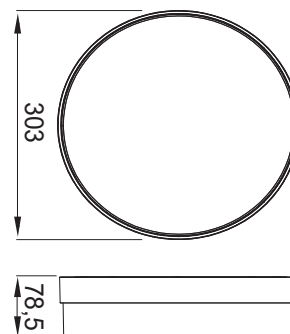


78,5 mm



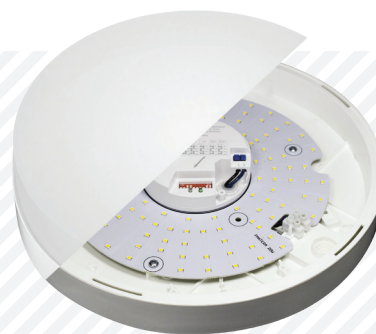
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Norm: PN-EN 60598-1



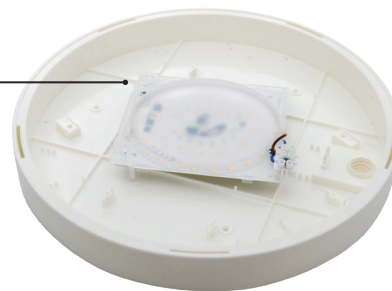
## Advantages of AFRODYTA lamp housing

- » Large choice of lamp housing configurations
- » High mechanical impact resistance of lampshades - IK10 !
- » The lampshade is made of high quality material - polycarbonate (PC)
- » UV resistant
- » LED version with radar motion sensor with corridor function



## Advantages of LED light diffuser

- » Initial light dispersion inside the lamp housing
- » Better distribution of light on the lampshade
- » Greater safety – separation from the 230V voltage on the led plate



Light source: 2 x E27

Version	Motion Sensor	Supply	Power	Lampshade version: Transparent		Lampshade version: Lacteal	
				Ring color: white	Ring color: silver	Ring color: white	Ring color: silver
Standard version		230V AC	2x18W			D.3139M	D.3139SM
Standard version with motion sensor	x	230V AC	2x18W	D.3139R		D.3139RM	D.3139SRM

Light source: LED SMD, CRI&gt;80, color 4000K - white neutral

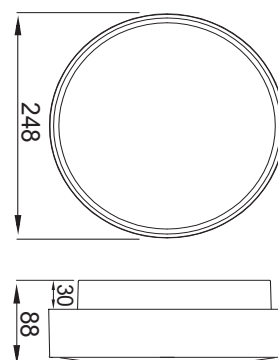
Wersja	Luminous flux	Motion Sensor	Supply	Power	Lampshade version: Transparent		Lampshade version: Lacteal	
					Ring color: white	Ring color: silver	Ring color: white	Ring color: silver
Standard version with motion sensor	900lm	x	230V AC	9W	D.3139R-BN-9W	D.3139SR-BN-9W	D.3139RM-BN-9W	D.3139SRM-BN-9W
Standard version with motion sensor	1400lm	x	230V AC	13W	D.3139R-BN-13W	D.3139SR-BN-13W	D.3139RM-BN-13W	D.3139SRM-BN-13W
Standard version with diffuser and motion sensor	1400lm	x	230V AC	13W		D.3139DSR-BN-13W	D.3139DRM-BN-13W	D.3139DSRM-BN-13W
Special version 24V AC with diffuser and motion sensor	1400lm	x	24V AC	13W			D.3139RM-BN-13W/24V	D.3139SRM-BN-13W/24V
Version 24V AC with diffuser and motion sensor	1400lm	x	24V AC	13W			D.3139DRM-BN-13W/24V	D.3139DSRM-BN-13W/24V
Standard version with motion sensor	2070lm	x	230V AC	20W	D.3139R-BN-20W	D.3139SR-BN-20W	D.3139RM-BN-20W	D.3139SRM-BN-20W
Standard version	1400lm		230V AC	13W	D.3139-BN-13W	D.3139S-BN-13W	D.3139M-BN-13W	D.3139SM-BN-13W
Standard version with diffuser	1400lm		230V AC	13W	D.3139D-BN-13W	D.3139DS-BN-13W	D.3139DM-BN-13W	D.3139DSM-BN-13W
Standard version	2070lm		230V AC	20W	D.3139-BN-20W	D.3139S-BN-20W	D.3139M-BN-20W	D.3139SM-BN-20W



## Lamp housing DIONE



Norm: PN-EN 60598-1



### Advantages of DIONE lamp housing

- » Large choice of lamp housing configurations
- » Colour version of lamp housing base – white or black
- » High mechanical impact resistance of lampshades – IK10 !
- » The lampshade is made of high quality material – polycarbonate (PC)
- » UV resistant
- » Ingress protection IP65
- » Versions with radar motion sensor
- » It has PZH / hygienic approval



Light source: E27 **Housing color: white**

Version	Motion Sensor	Supply	Power max	Lampshade version: Transparent		Lampshade version: Lacteal		
				Ring color: white	Ring color: black	Ring color: white	Ring color: black	Ring color: silver
Standard version		230V AC	18W	D.3140		D.3140M		D.3140SM
Standard version with motion sensor	x	230V AC	18W			D.3140RM		D.3140SRM

Light source: E27 **Housing color: blacky**

Version	Motion Sensor	Supply	Power max	Lampshade version: Transparent		Lampshade version: Lacteal		
				Ring color: white	Ring color: black	Ring color: white	Ring color: black	Ring color: silver
Standard version		230V AC	18W				D.3140CCM	
Standard version with motion sensor	x	230V AC	18W				D.3140CCRM	

Light source: LED SMD, CRI>80, color 4000K - white neutral, **Housing color: black**

Wersja	Luminous flux	Motion Sensor	Supply	Power	Lampshade version: Transparent		Lampshade version: Lacteal		
					Ring color: white	Ring color: black	Ring color: white	Ring color: black	Ring color: silver
Standard version with motion sensor	900lm	x	230V AC	9W		D.3140CCR-BN-9W		D.3140CCRM-BN-9W	
Standard version with motion sensor	1400lm	x	230V AC	13W		D.3140CCR-BN-13W		D.3140CCRM-BN-13W	
Standard version with diffuser and motion sensor	1400lm	x	230V AC	13W				D.3140DCCRM-BN-13W	
Standard version	900lm		230V AC	9W	D.3140-BN-9W	D.3140CC-BN-9W		D.3140CCM-BN-9W	
Standard version	1400lm		230V AC	13W		D.3140CC-BN-13W		D.3140CCM-BN-13W	
Standard version with diffuser	1400lm		230V AC	13W				D.3140DCCM-BN-13W	

Light source: LED SMD, CRI>80, color 4000K - white neutral, **Housing color: white**

Wersja	Luminous flux	Motion Sensor	Supply	Power	Lampshade version: Transparent		Lampshade version: Lacteal		
					Ring color: white	Ring color: black	Ring color: white	Ring color: black	Ring color: silver
Standard version with motion sensor	900lm	x	230V AC	9W			D.3140RM-BN-9W		D.3140SRM-BN-9W
Standard version with motion sensor	1400lm	x	230V AC	13W			D.3140RM-BN-13W		D.3140SRM-BN-13W
Standard version with diffuser and motion sensor	1400lm	x	230V AC	13W			D.3140DRM-BN-13W		D.3140DSRM-BN-13W
Standard version	900lm		230V AC	9W			D.3140M-BN-9W		D.3140SM-BN-9W
Standard version	1400lm		230V AC	13W			D.3140M-BN-13W		D.3140SM-BN-13W
Standard version with diffuser	1400lm		230V AC	13W					D.3140DSM-BN-13W

# Lighting equipment

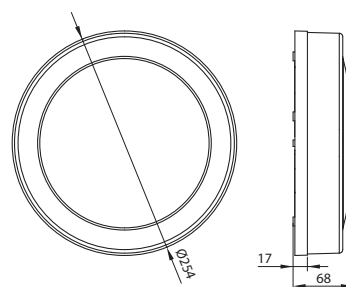
## Lamp housing KALIPSO



Ø254x68

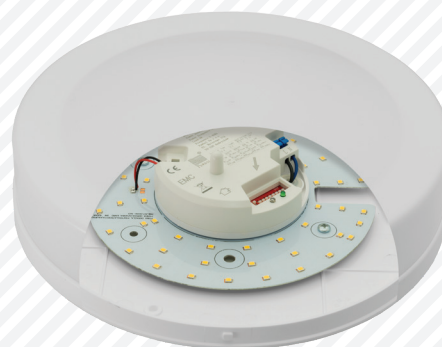
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Norm: PN-EN 60598-1



### Advantages of KALIPSO lamp housing

- » Large choice of lamp housing configurations
- » High mechanical impact resistance of lampshades - IK10 !
- » The lampshade is made of high quality material - polycarbonate (PC)
- » UV resistant
- » LED version with radar motion sensor with corridor function
- » It has PZH / hygienic approval



Light source: E27

Version	Motion Sensor	Supply	Power max	Lampshade version: Lacteal		
				Ring color: white	Ring color: black	Ring color: silver
Standard version		230V AC	18W	D.3142M	D.3142CM	D.3142SM
Standard version with motion sensor	x	230V AC	18W	D.3142RM	D.3142CRM	D.3142SRM

Light source: LED SMD, CRI>80, color 4000K - white neutral

Version	Luminous flux	Motion Sensor	Supply	Power	Lampshade version: Lacteal		
					Ring color: white	Ring color: black	Ring color: silver
Standard version with motion sensor	900lm	x	230V AC	9W	D.3142RM-BN-9W	D.3142CRM-BN-9W	D.3142SRM-BN-9W

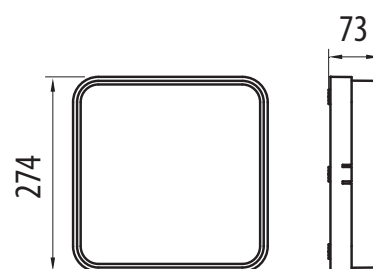
## Lamp housing HERA



274x274x73 mm

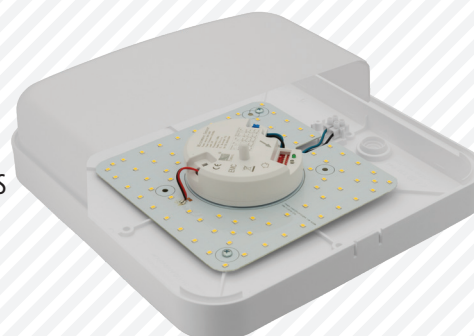
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Norm: PN-EN 60598-1



### Advantages of HERA lamp housing

- » LED and E27 version
- » Radar motion sensor (option)
- » LED version with radar motion sensor with corridor function
- » The lampshade is made of high quality material - polycarbonate (PC) , base - ABS
- » High mechanical impact resistance of lampshades - IK10 !
- » UV resistant
- » Ingress protection IP44
- » Large choice of lamp housing configurations



Light source: E27

Wersja	Motion Sensor	Supply	Power max	Lampshade version: Lacteal		
				Ring color: white	Ring color: black	Ring color: silver
Standard version		230V AC	18W	D.3141M	D.3141CM	D.3141SM
Standard version with motion sensor	x	230V AC	18W	D.3141RM	D.3141CRM	D.3141SRM

Light source: LED SMD, CRI>80, color 4000K - white neutral

Version	Luminous flux	Motion Sensor	Supply	Power	Lampshade version: Lacteal		
					Ring color: white	Ring color: black	Ring color: silver
Standard version with motion sensor	1400lm	x	230V AC	13W	D.3141RM-BN-13W	D.3141CRM-BN-13W	D.3141SRM-BN-13W
Standard version	1400lm		230V AC	13W	D.3141M-BN-13W	D.3141CM-BN-13W	D.3141SM-BN-13W

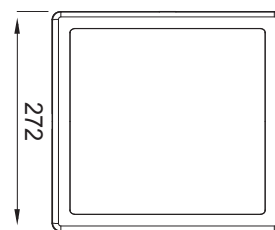
## Lamp housing ERIS



272x272x76,4

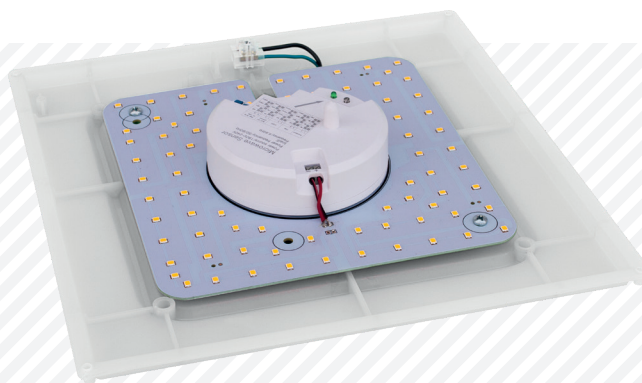
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Norm: PN-EN 60598-1



## Advantages of ERIS lamp housing

- » Large choice of lamp housing configurations
- » High mechanical impact resistance of lampshades - IK10 !
- » The lampshade is made of high quality material - polycarbonate (PC)
- » UV resistant
- » LED version with radar motion sensor with corridor function
- » It has PZH / hygienic approval



Light source: E27

Version	Motion Sensor	Supply	Power max	Lampshade version: Lacteal		
				Ring color: white	Ring color: black	Ring color: silver
Standard version with motion sensor	x	230V AC	18W	D.31100RM	D.31100CRM	D.31100SRM
Standard version		230V AC	18W	D.31100M	D.31100CM	D.31100SM

Light source: LED SMD, CRI&gt;80, color 4000K - white neutral

Version	Luminous flux	Motion Sensor	Supply	Power	Lampshade version: Lacteal		
					Ring color: white	Ring color: black	Ring color: silver
Standard version with motion sensor	1400lm	x	230V AC	13W	D.31100RM-BN-13W	D.31100CRM-BN-13W	D.31100SRM-BN-13W
Standard version	1400lm		230V AC	13W	D.31100M-BN-13W	D.31100CM-BN-13W	D.31100SM-BN-13W



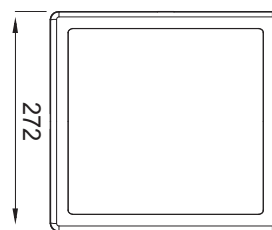
## Lamp housing IRYS



272x272x76,4

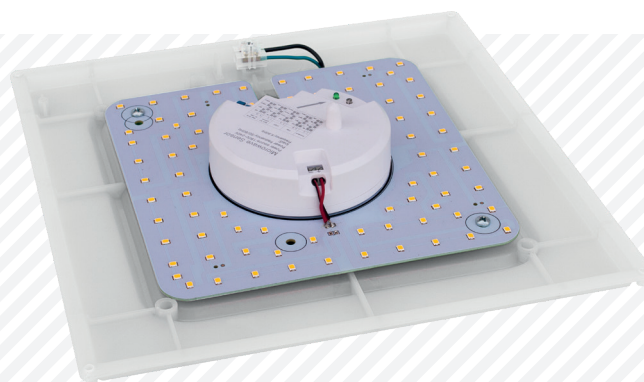
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Norm: PN-EN 60598-1



### Advantages of IRYS lamp housing

- » Large choice of lamp housing configurations
- » High mechanical impact resistance of lampshades - IK10 !
- » The lampshade is made of high quality material - polycarbonate (PC)
- » UV resistant
- » LED version with radar motion sensor with corridor function
- » It has PZH / hygienic approval



Light source: E27

Version	Motion Sensor	Supply	Power max	Lampshade version: Lacteal		
				Ring color: white	Ring color: black	Ring color: silver
Standard version with motion sensor	x	230V AC	18W	D.31101RM	D.31101CRM	D.31101SRM
Standard version		230V AC	18W	D.31101M	D.31101CM	D.31101SM

Light source: LED SMD, CRI>80, color 4000K - white neutral

Version	Luminous flux	Motion Sensor	Supply	Power	Lampshade version: Lacteal		
					Ring color: white	Ring color: black	Ring color: silver
Standard version with motion sensor	1400lm	x	230V AC	13W	D.31101RM-BN-13W	D.31101CRM-BN-13W	D.31101SRM-BN-13W
Standard version	1400lm		230V AC	13W	D.31101M-BN-13W	D.31101CM-BN-13W	D.31101SM-BN-13W

## Lamp housing JUNONA



IK10

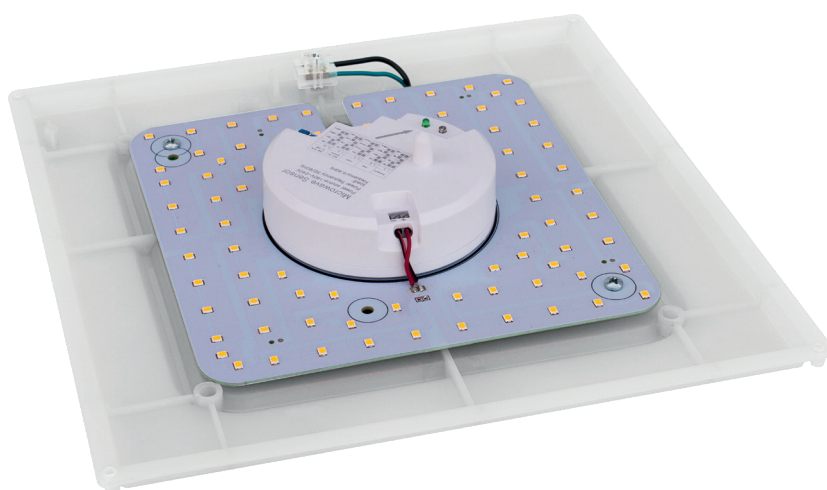
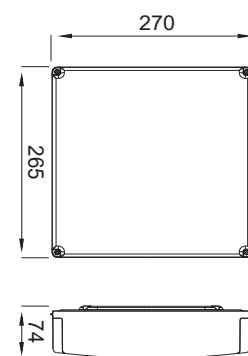
IP44

ABC  
[mm]

270x265x74

1

Norm: PN-EN 60598-1



Light source: E27

Version		Motion Sensor	Supply	Power max	Lampshade version: Lactael
Standard version with motion sensor		x	230V AC	18W	D.3150RM
Standard version			230V AC	18W	D.3150M

Light source: LED SMD, CRI&gt;80, color 4000K - white neutral

Version	Luminous flux	Motion Sensor	Supply	Power	Lampshade version: Lactael
Standard version with motion sensor	1400lm	x	230V AC	13W	D.3150RM-BN-13W
Standard version	1400lm		230V AC	13W	D.3150M-BN-13W

IK08



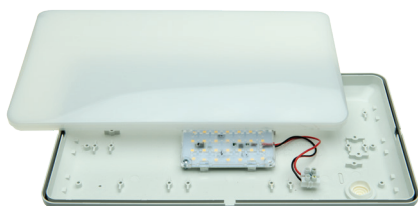
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Norm: PN-EN 60598-1



## Lamp housing VERA LED

### Lamp housing VERA LED 5W



D.3322-BN-5W/24V

24V

D.3322-BN-5W

230V



330mm



45mm



185mm



5W



Remarks: Lampshade lacteal

### Lamp housing VERA LED 10W



D.3322-BN-10W/24V

24V

D.3322-BN-10W

230V



330mm



45mm



185mm



10W



Remarks: Lampshade lacteal

### Lamp housing VERA LED with twilight sensor



230V

Twilight sensor

D.3422-BN-5W

Twilight sensor

D.3422-BN-10W



330mm



45mm



185mm



5/10W

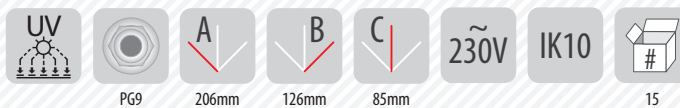


Remarks: Lampshade lacteal



# Lighting equipment

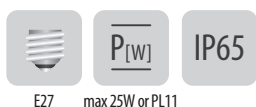
## Lamp housing Puma OVAL



Norm: PN-EN 60598-1

Puma OVAL - transparent lampshade, black bottom

D.3189C

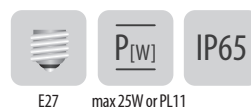


Bulb holder E27 ceramic



Puma OVAL - transparent lampshade, white bottom

D.3189

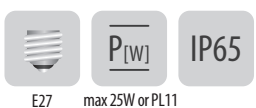


Bulb holder E27 ceramic



Puma OVAL - milky lampshade, black bottom

D.3189CM

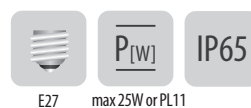


Bulb holder E27 ceramic



Puma OVAL - milky lampshade, white bottom

D.3189M



Bulb holder E27 ceramic



## Lamp housing Puma ROUND



Norm: PN-EN 60598-1 Remarks: Bulb holder E27 ceramic / ceramic

Puma ROUND - transparent lampshade, black bottom

D.3188C

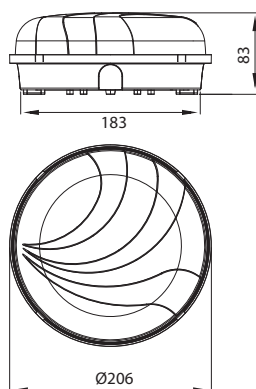
IP65



Puma ROUND - milky lampshade, black bottom

D.3188CM

IP65



Puma ROUND - transparent lampshade, white bottom

D.3188

IP65



Puma ROUND - milky lampshade, white bottom

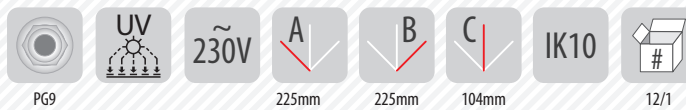
D.3188M

IP65

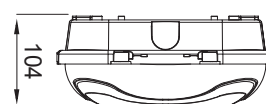
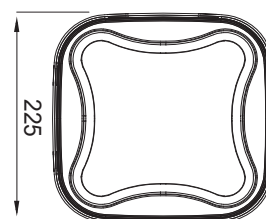




## Lamp housing Panda KARO



Norm: PN-EN 60598-1



Light source: E27, IP54

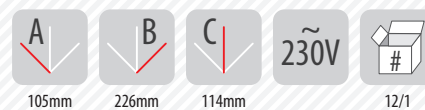
Version	Motion Sensor	Supply	Power max	Lampshade version: Transparent		Lampshade version: Lacteal	
				white bottom	black bottom	white bottom	black bottom
Standard version with motion sensor	x	230V AC	18W	D.317354R	D.317354CR	D.317354RM	D.317354CRM
Standard version		230V AC	18W	D.317354	D.317354C	D.317354M	D.317354CM

Light source: LED SMD, CRI>80, color 4000K - white neutral, IP54

Version	Luminous flux	Motion Sensor	Supply	Power	Lampshade version: Transparent		Lampshade version: Lacteal	
					white bottom	black bottom	white bottom	black bottom
Standard version with motion sensor	1400lm	x	230V AC	13W	D.317354R-BN-13W	D.317354CR-BN-13W	D.317354RM-BN-13W	
Standard version with motion sensor	900lm	x	230V AC	9W			D.317354RM-BN-9W	
Standard version	1400lm		230V AC	13W	D.317354-BN-13W	D.317354C-BN-13W	D.317354M-BN-13W	D.317354CM-BN-13W
Standard version	900lm		230V AC	9W			D.317354M-BN-9W	

# Lighting equipment

## Lamp housing SEZAR LED



Norm: PN-EN 60598-1



Lamp housing SEZAR in a simple way (using cable ties) can be attached to the posts. To do this, use a specially designed handles at the rear of the housing.



### Lamp housing SEZAR LED



IP44

D.3125-BN-9W  
9W/4000K/900lm

Remarks: matt lampshade, CRI>80, BN - white neutral - 4000K, Power: 9W, norm: PN-EN 60598-1

### Lamp housing SEZAR LED



IP54

D.3125A-BN-9W  
9W/4000K/900lm

IP54

D.3125A-BN-13W  
13W/4000K/1400lm

Remarks: matt lampshade, CRI>80, BN - white neutral - 4000K, Power: 9W / 13W, norm: PN-EN 60598-1

### Lamp housing SEZAR LED



IP44

D.3126-BN-13W  
13W/4000K/900lm

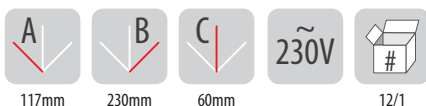
IP54

D.3126A-BN-13W  
13W/4000K/1400lm

Remarks: matt lampshade, CRI>80, BN - white neutral - 4000K, Power: 13W, norm: PN-EN 60598-1

## Lamp housing SEZAR LED SLIM IP65

D.3129-BN-9W  
9W/4000K/800lm



Remarks: matt lampshade, CRI>80  
In catalogue number: BN - white neutral - 4000K, norm: PN-EN 60598-1



230V



E-27

Norm: PN-EN 60598-1:2011

## Lamp housing

### Lamp housing ALFA



D.3178

D.3178M



245mm



85mm



230V



IP44



P[W]

max 25W

Remarks:  
D.3178 - Transparent lampshades, D.3178M - Lampshade matt

### Lamp housing TRIO



D.3180

D.3180M



250mm



95mm



230V



IP44



P[W]

max 25W

Remarks: 3 inputs, 3 WN13 glands  
D.3180 - Transparent lampshades, D.3180M - Lampshade matt

### Lamp housing SKOŠNA



D.3182

D.3182C



230V



E-27



P[W]

25W



IP54



#

1

Remarks: Dimensions: 190/110/110mm  
D.3182 - transparent lampshade  
D.3182C - Red lampshade

## Lamp housing ALFA, TRIO, RIVA



E-27



1

Norm: PN-EN 60598-1:2011

### Lamp housing DORA



D.3179M

D.3179



230V



P[W]

max 25W



IP54



#

1

Remarks: Transparent lampshade  
D.3179M - Lamp housing DORA with metal net, D.3179 - DORA without metal net, E27 ceramic lamp holder, Norm: PN-EN 60598-1:2011  
Dimensions: D.3179M: 210/97 mm, D.3179: 210/107 mm

### Lamp housing RIVA



D.3177

D.3177M



235mm



100mm



IP44



P[W]

max 25W

Remarks: 3 inputs, 3 x WN13 glands  
D.3177 - Transparent lampshade, D.3177M - Matt lampshade

### Lamp housing RIVA with motion sensor



230V

24V

D.3177R

D.3177R/24V



235mm



100mm



IP44



P[W]

max 25W

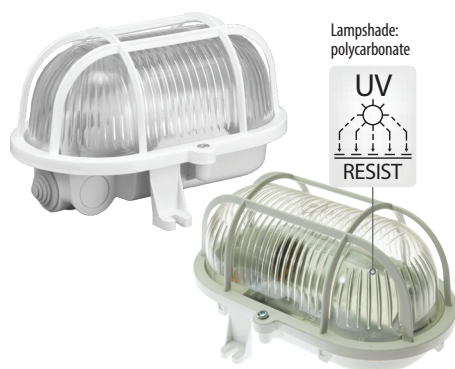
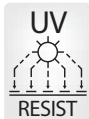
Remarks: 3 inputs, 3 x WN13 glands  
D.3177R - lamp housing ~230V with motion sensor, D.3407, Transparent lampshade  
D.3177R/24V - lamp housing ~24V with motion sensor, D.3408, Transparent lampshade

## Lighting equipment

230V

## Lamp Housing with plastic net

## Lamp housing OWAL60, plastic net

Lampshade:  
polycarbonate

NEW

D.3151

Lampshade: glass

D.3151P

Lampshade: polycarbonate



E27



max 18W



IP44



12/1

Remarks: transparent lampshade  
Dimensions: 170/110/125 mm  
E27 ceramic, Norm: PN-EN 60598-1

## Lamp housing OWAL60, plastic net



D.3151S

Lampshade: glass

D.3151C

Lampshade: glass



E27



max 18W



IP44



12/1

Remarks: transparent lampshade  
Dimensions: 170/110/125 mm  
E27 ceramic, Norm: PN-EN 60598-1

## Lamp housing OWAL100, plastic net

Lampshade:  
polycarbonate

NEW

D.3155

Lampshade: glass

D.3155P

Lampshade: polycarbonate



E27



max 18W



IP44



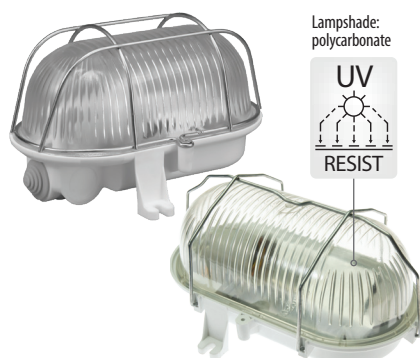
10/1

Remarks: transparent lampshade  
Dimensions: 202/109/135mm  
E27 ceramic, Norm: PN-EN 60598-1

230V

## Lamp housing with metal net

## Lamp housing OWAL60, metal net

Lampshade:  
polycarbonate

NEW

D.3166

Lampshade: glass

D.3166P

Lampshade: polycarbonate



E27



max 18W



IP44



12/1

Remarks: transparent lampshade  
Dimensions: 170/115/125 mm  
E27 ceramic, Norm: PN-EN 60598-1

## Lamp housing OWAL60, metal net



D.3166S

Lampshade: glass

D.3166C

Lampshade: glass



E27



max 18W



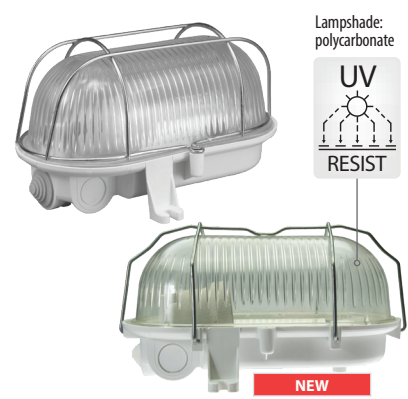
IP44



12/1

Remarks: transparent lampshade  
Dimensions: 170/115/125 mm  
E27 ceramic, Norm: PN-EN 60598-1

## Lamp housing OWAL100, metal net

Lampshade:  
polycarbonate

NEW

D.3152

Lampshade: glass

D.3152P

Lampshade: polycarbonate



E27



max 18W



IP44



10/1

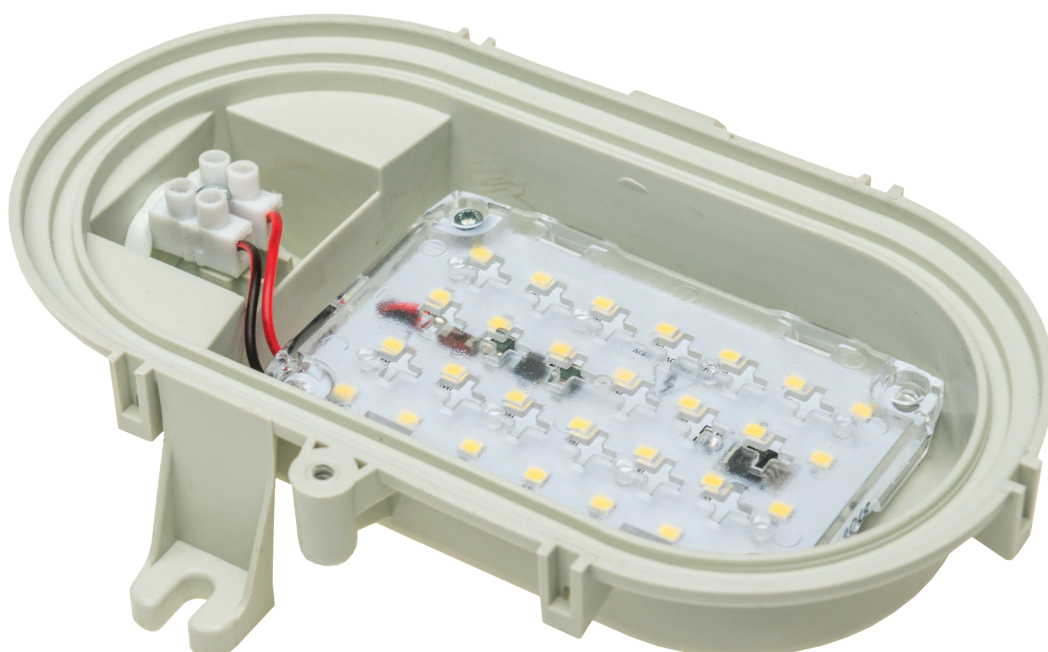
Remarks: transparent lampshade  
Dimensions: 195/115/135mm  
E27 ceramic, Norm: PN-EN 60598-1



230V

LED Lamp Housing OWAL SLIM LED

LED



D.3165-BN-5W

D.3165-BN-5W/24V

P<sub>[W]</sub>

5W

IP44



12/1

Remarks: Lamp housing includes a light diffuser.  
Dimensions: 179x125x56 mm  
Power: D.3165-BN-5W: 230V AC, D.3165-BN-5W/24V: 24V AC / DC

## Motion sensors

### Radar motion sensors

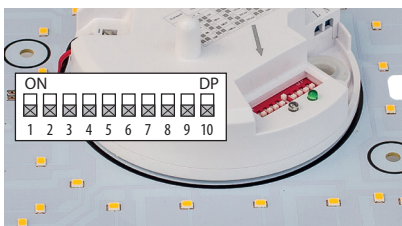
Radar motion sensors (microwave) use a frequency band of 5.6 GHz - emit a wave and detecting a echo change of this wave (Doppler effect). Change of echo is the frequency change of the wave due to changes in the relative positions of the wave source and the receiver. This allows to detect motion even through plates of glass, thin walls and doors. Applying voltage to the lamp is controlled by a microprocessor.

### Radar motion sensors with corridor function

Refers to: PANTERA LED, AFRODYTA LED, PANDA ROUND LED, PANDA KARO LED, ERIS, IRYS, JUNONA containing LED panels with power of 9W, 13W, 20W and light color of white neutral or cold, equipped with motion sensors with corridor function.

The corridor function allows after the movement disappearance, instead of complete shutdown of the light source - LED dimming to a specified threshold - 0% (total OFF), 10%, 20% and 30%. The sensor have adjustable parameters - detection range, operating time of the light source since the movement disappearance, taking into account the ambient light conditions and control of the dimming parameters – intensity of light and dimming time.

### Simple programming of radar motion sensor



Distance		Time		Light		Corridor function			
						Half brightness		Semi bright time	
1	2	3	4	5	6	7	8	9	10
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3m		10s		day		0%		24h	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5m		1min		10Lux		10%		1min	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8m		5 min		30Lux		20%		30min	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10m		10min		50Lux		30%		60min	

### Radar motion sensors - what is most important during installation?

- » Avoid installation near the zone air temperature changes, for example near air conditioning, central heating etc.
- » Avoid installation near the premises situated in the immediate vicinity of the busy street - moving vehicles can interfere the sensor functioning,
- » Install as far away from windows and doors, because the sensor can capture traffic outside the room,
- » Do not install in the same room two radar sensors at the same frequency, sensors can interfere with each other's work.



Built-in motion sensors



Most LED lamp housing offered by the company PAWBOL Sp. z o.o. is also available in versions with a built-in motion sensor

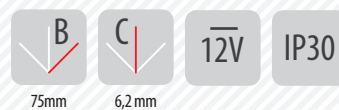
Motion sensors



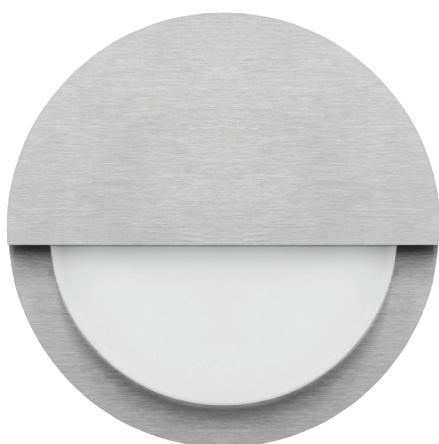
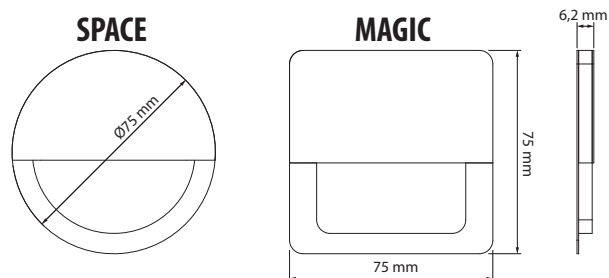
Name:	Radar motion sensor MINI	Radar motion sensor
Type, Catalogue No.	D.3407M	D.3407
Supply voltage:	~220-240V AC, 50-60Hz	~220-240V AC, 50-60Hz
Rated power:	0,9 W	0,9 W
Rated load:	1200W	1200W
Wave radiation power:	<10mW	<10mW
Wave frequency:	5,8 GHz	5,8 GHz
Operation angle in ceiling position:	360°	360°
Range:	1-8m	1-8m
Operating time:	8 sec. -12 min.	8 sec. -12 min.
Functional range:	2-2000 Lx	2-2000 Lx
Dimensions:	70 x 42 x 40 mm	90 x 42 x 44 mm



## LED Lamps SILVER LINE



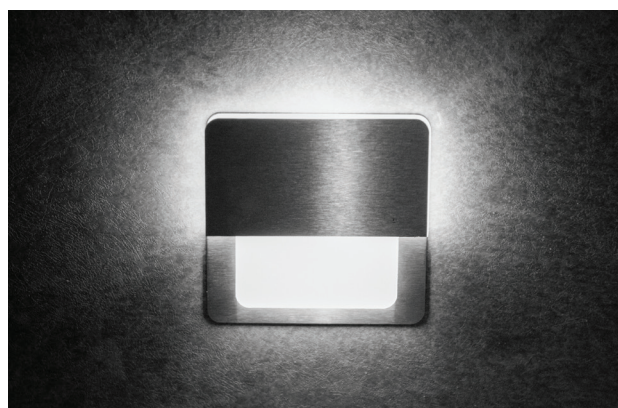
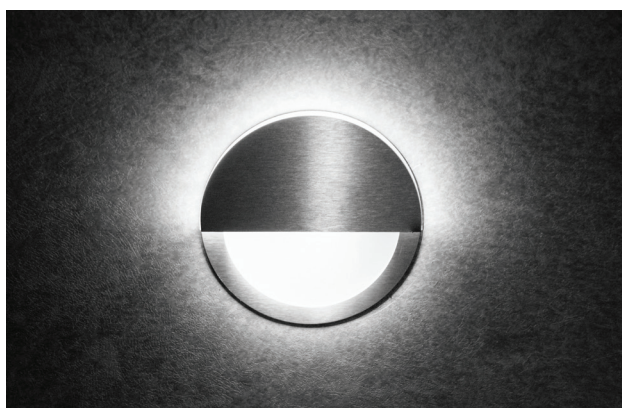
- ✓ Supply voltage: 12V DC
- ✓ Power consumption: 0,8 W
- ✓ Light colour: white cold 6500K / white warm 3000K
- ✓ Ingress protection: IP30
- ✓ Material: brushed stainless steel 0,6 mm
- ✓ Mounting version: mounting boxes

**SPACE**

Ø75 mm  
D.SL.SP.BZ  
D.SL.SP.BC

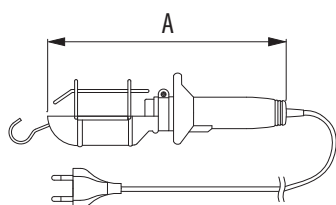
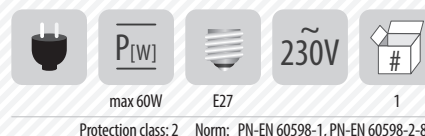
**MAGIC**

□75 mm  
D.SL.MA.BZ  
D.SL.MA.BC





## Hand lamps PL-2 i PL-3 type



- » New improved portable hand lamps equipped with a polychloroprene wire sheath (rubber) - adapted to European Law in accordance with PN-EN 60598-2-8:2000 / A2: 2008
- » Portable hand lamps with a cable in the polychloroprene shell (rubber) are characterized by higher mechanical strength compared to lamps with a cable in the polyvinyl chloride shell and a significant increase safety during use

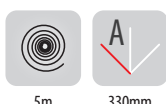
### Hand Lamp

Typ PL-2

IP20



D.3036G



Remarks: wire: H05RN-F2x0,75

### Hand Lamp

Typ PL-3

IP20



D.3037G



Remarks: wire: H05RN-F2x0,75

### Hand Lamp

Typ PL-2

IP20



D.3031G



Remarks: wire: H05RN-F2x0,75

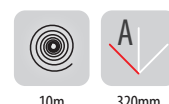
### Hand Lamp

Typ PL-3

IP20



D.3032G



Remarks: wire: H05RN-F2x0,75

# Lighting equipment

## Lamp holder, bakelite

Norm: PN-EN 60238

Lamp holder, bakelite E14



Remarks: Attach diameter: M10x1

Lamp holder, bakelite E27



Remarks: Attach diameter: M10x1



## Adapters

Norm: PN-EN 60238

Adapter E27/E14



Remarks:

Adapter E14/GU10



Remarks:

Adapter E27/GU10



Remarks:

## Lamp holder, thermoplastic

Norm: PN-EN 60238

Lamp holder thermoplastic E-14



Remarks: Attach diameter: M10x1

Lamp holder thermoplastic E27



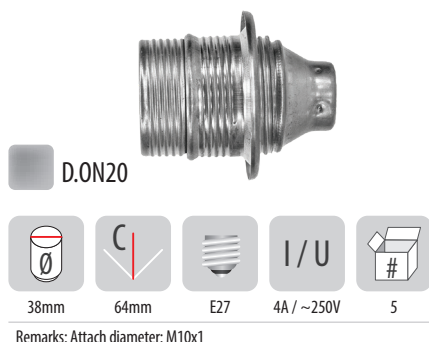
Remarks: Attach diameter: M10x1

Lamp holder thermoplastic E27 with wire 2x0,75mm<sup>2</sup>Remarks: Attach diameter: M10x1  
Wire length(2x0,75mm<sup>2</sup>): 190 mm

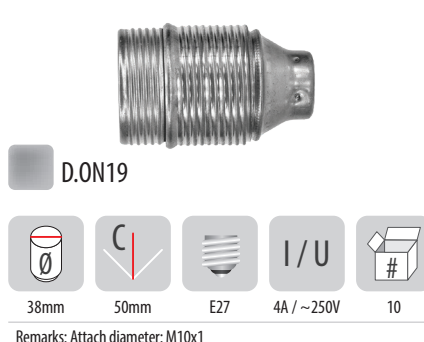
## Lamp holder, metal

Norm: PN-EN 60238

Lamp holder, metal ON20 E27 with flange



Lamp holder, metal ON19 E27



## Lamp holders, porcelain

Norm: PN-EN 60238

Lamp holder, porcelain E27 typ 426



Lamp holder, porcelain



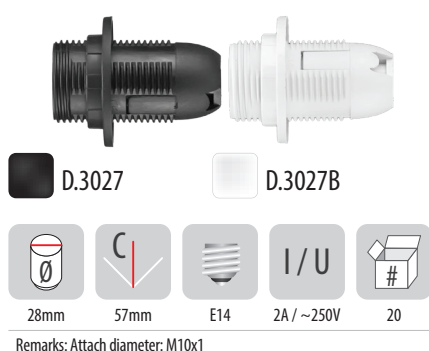
Lamp holder GU10 porcelain LED / halogen



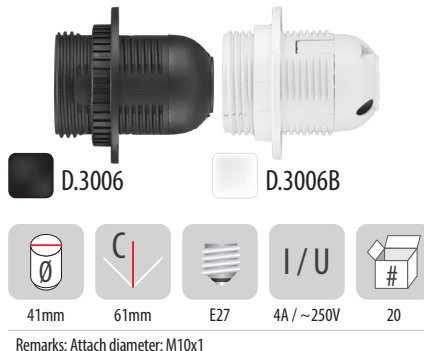
## Lamp holder, thermoplastic

Norm: PN-EN 60238

Lamp holder thermoplastic E14 with flange

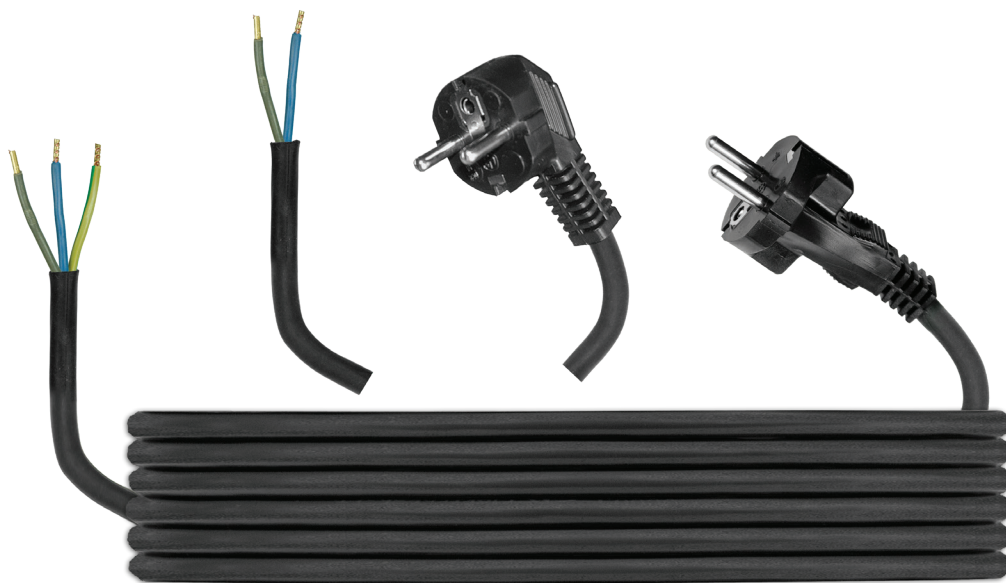


Lamp holder thermoplastic E27 with flange



# Lighting equipment

## Connecting wire



Connecting wire, molded plug



black colour

Connecting wire - H05RR rubber

Cat no. - black colour	Type	Plug	Wire length
D.3500	Connecting wire H05RR F2x1	plain	1,5 m
D.3501	Connecting wire H05RR F2x1	plain	3 m
D.3502	Connecting wire H05RR F2x1	plain	5 m
D.3503	Connecting wire H05RR F3x1	plain	1,5 m
D.3504	Connecting wire H05RR F3x1	plain	3 m
D.3505	Connecting wire H05RR F3x1	plain	5 m
D.3506	Connecting wire H05RR F3x1,5	plain	1,5 m
D.3507	Connecting wire H05RR F3x1,5	plain	3 m
D.3508	Connecting wire H05RR F3x1,5	plain	5 m
D.3509	Connecting wire H05RR F2x1,5	plain	1,5 m
D.3510	Connecting wire H05RR F2x1,5	plain	3 m
D.3511	Connecting wire H05RR F2x1,5	plain	5 m
D.3526	Connecting wire H05RR F3x2,5	plain	1,5 m
D.3527	Connecting wire H05RR F3x2,5	plain	3 m
D.3528	Connecting wire H05RR F3x2,5	plain	5 m



black colour



white colour

Connecting wire - H05VV igielit

Cat no. - black colour	Cat no. - white colour	Typ	Plug	Wire length
D.3517		Connecting wire H05VV F2x1	plain	5 m
	D.3520B	Connecting wire H05VV F3x1	plain	5 m
D.3522		Connecting wire H05VV F3x1,5	plain	3 m
D.3523		Connecting wire H05VV F3x1,5	plain	5 m



## PG cable glands IP67 and MG metric cable glands IP67

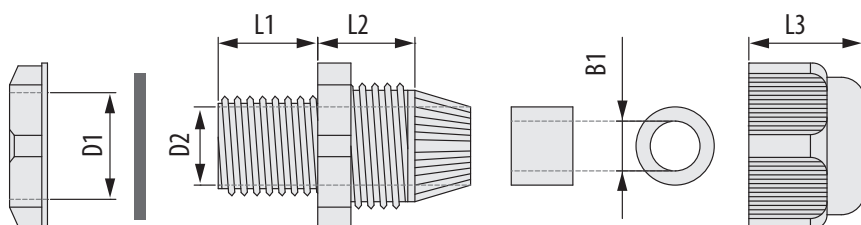
IP67

### PG cable glands IP67

Catalogue number	Type	Ø assembly	D1	D2	B1	L1	L2	L3	Wire diameter	Spanner	Norm	Quantity in package
	[-]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[-]	[-]
D.3070	PG-7	12,5	11,7	8,5	6	8	14,5	14,3	3,5 - 6,0	16 / 18	DIN 40430	50
D.3071	PG-9	15,2	14	11	8,5	8,1	16,5	15,3	6,0 - 8,0	18 / 22	DIN 40430	50
D.3072	PG-11	18,3	17,6	13,2	9,6	8,5	16,5	16,8	8,0 - 10,0	22 / 24	DIN 40430	50
D.3073	PG-13,5	19,5	18,5	15,2	12,2	8,6	17,5	19,5	10,0 - 12,0	24 / 26	DIN 40430	50
D.3074	PG-16	22,5	21,2	17,2	14,5	10	17,5	18,1	12,0 - 14,0	26 / 30	DIN 40430	50
D.3075	PG-21	28,2	27,1	22	18,5	11	19,5	23,5	14,0 - 18,0	32 / 36	DIN 40430	50
D.3076	PG-29	37,2	35,9	30,6	25,5	11,5	23	25,5	18,0 - 25,0	42 / 45	DIN 40430	10
D.3077	PG-36	47,2	45,8	38,9	33,3	14,4	25	29,5	25,0 - 32,0	51 / 58	DIN 40430	10
D.3078	PG-42	53,9	52,2	46,5	39,6	15,2	26,5	30,5	32,0 - 38,0	60 / 64	DIN 40430	10
D.3079	PG-48	59,3	58,2	49,0	45,1	15,2	27,0	30,0	38,0 - 44,0	64 / 68	DIN 40430	10

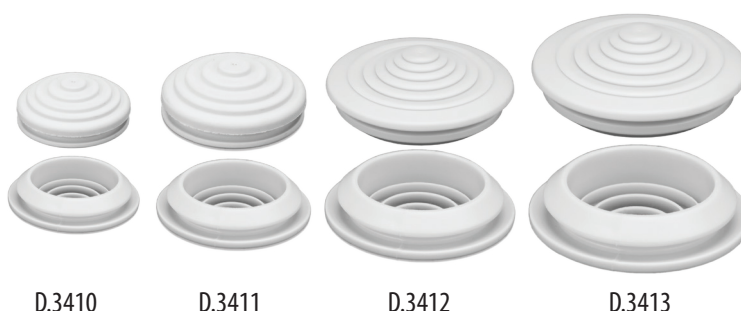
### MG metric cable glands IP67

Catalogue number	Type	Ø assembly	D1	D2	B1	L1	L2	L3	Wire diameter	Spanner	Norm	Quantity in package
	[-]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[-]	[-]
D.3088	M12	12	10	8	6	7,5	14,7	15,5	3,0 - 6,5	16 / 18	PN-EN 50262	25
D.3089	M16	16	14,3	10,7	8	7,5	14,7	15,3	6,5 - 8,0	19 / 22	PN-EN 50262	50
D.3080	M20	20	18,5	14,7	12	9,5	17	18,2	8,0 - 12,0	24 / 27	PN-EN 50262	25
D.3081	M25	25	23,3	19	18	10	20	23,5	12,0 - 18,0	32 / 32	PN-EN 50262	25
D.3082	M32	32	30,4	24	25	11	20	21,5	18,0 - 24,0	36 / 38	PN-EN 50262	10
D.3083	M40	40	38,1	33	32	15	17	29,5	24,0 - 32,0	51 / 50	PN-EN 50262	10
D.3090	M50	50	38	38	40	14	24	32,5	32,0 - 38,0	60 / 68	PN-EN 50262	10
D.3091	M63	63	61,7	54	45	14	35	40,5	38,0 - 45,0	70 / 76	PN-EN 50262	10



### PG rubber cable glands

Catalogue number	Type	Ø assembly	Norm	Quantity in package
	[-]	[mm]	[-]	[-]
D.3410	PG-13,5	20,5	DIN 40430	100
D.3411	PG-16	22	DIN 40430	100
D.3412	PG-21	29	DIN 40430	100
D.3413	PG-29	37	DIN 40430	100



D.3410

D.3411

D.3412

D.3413

## Lighting equipment

## Power strip

250V

I [A]



16A

1

Cover for socket (quantity - 5 item) + key



D.3800

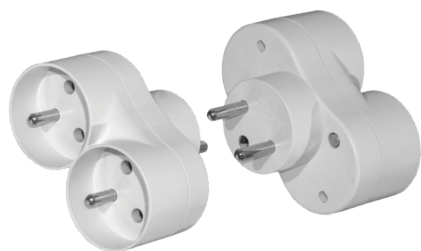
Power strip 2x2P



D.3802



Power strip 2x2P+Z



D.3803



Power strip 3x2P



D.3804



Power strip 3x2P+Z



D.3805



## Plugs

PP  
PE

250V

Norm: PN-IEC 60884-1

Flat plug without grounding



D.3104

D.3104C

IP44



I / U



10A/250V

1

Remarks: Standard for device class II

WT-16 plug with grounding



D.3101N

IP44



I / U



16A/250V

1

Remarks: Standard UNI-SCHUKO

## Sockets

PP  
PE

250V

Norm: PN-IEC 60884-1

Flat socket without grounding



D.3109

D.3109C

IP44



I / U



10A/250V

1

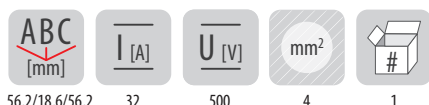
Remarks: Standard for device class II

## Terminal strips

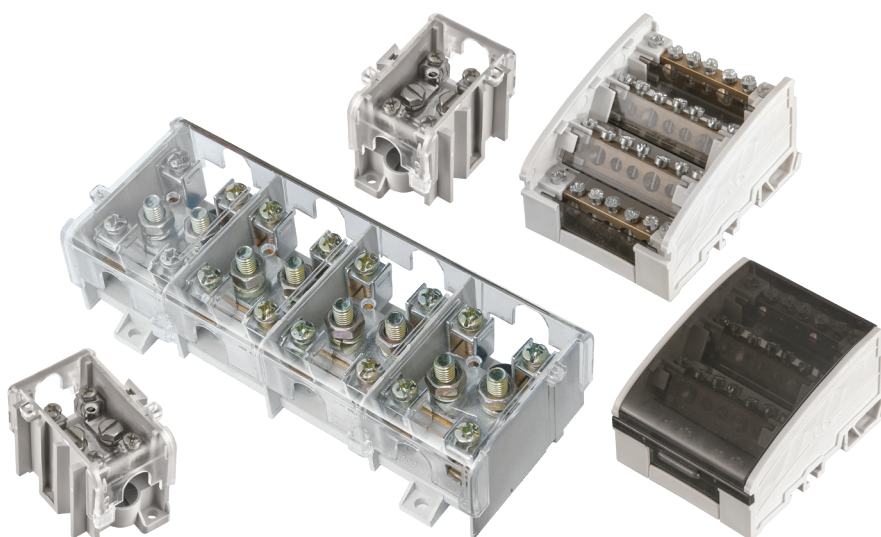
Terminal strips for KUP68 electro-installation mounting box, LZ 4x4 mm<sup>2</sup>



E.6801



Remarks: Norm: PN-EN 60947-7-1, available colours: grey RAL7035, black thermoplastic



32

Norm: PN-EN 60947-1, PN-EN 60947-7-1

## Terminal strips

Terminal strip LZ 2,5-6mm<sup>2</sup>/32A



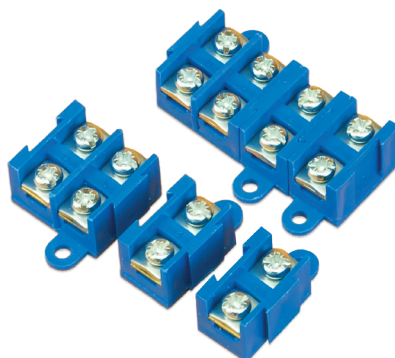
E.4001



Remarks: available colours



Terminal strip LZ 4x1,5-4mm<sup>2</sup>/32A



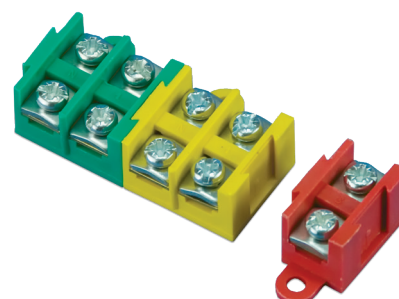
E.4002



Remarks: available colours



Terminal strip LZ 5x1,5-4mm<sup>2</sup>/32A



E.4003



Remarks: available colours



# Terminal strips

## Terminal strips LZ 10mm<sup>2</sup> / 57A

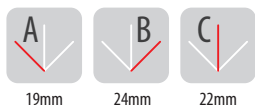


Norm: PN-EN 60998-1, PN-EN 60998-2-1

Terminal strip LZ 1x10mm<sup>2</sup>



**E.4070**

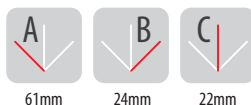


Remarks:  
Possibility of connecting lines

Terminal strip LZ 4x10mm<sup>2</sup>  
halogen free



**E.4004A**

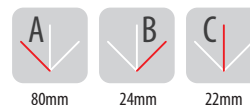


Remarks:  
Possibility of connecting lines

Terminal strip LZ 5x10mm<sup>2</sup>  
halogen free



**E.4005A**



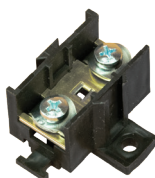
Remarks:  
Possibility of connecting lines

## Terminal strips LZ 16mm<sup>2</sup> / 76A

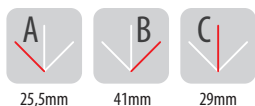


Norm: PN-EN 60998-1, PN-EN 60998-2-1

Terminal strip LZ 1x16mm<sup>2</sup>



**E.4071**

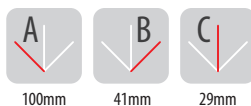


Remarks: Possibility of connection single lines, adapted to assemble on TH 35 rail

Terminal strip LZ 4x16mm<sup>2</sup>



**E.4006A**

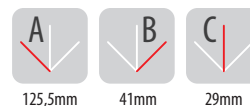


Remarks: Possibility of connection single lines, adapted to assemble on TH 35 rail

Terminal strip LZ 5x16mm<sup>2</sup>



**E.4007A**



Remarks: Possibility of connection single lines, adapted to assemble on TH 35 rail



## Terminal strips

Norm: PN-EN 60947-1, PN-EN 60947-7-1

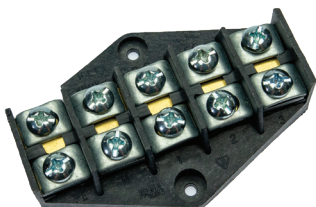
Terminal strip LZ 4x10mm<sup>2</sup> / 57A



E.4004P

ABC [mm]	I [A]	mm <sup>2</sup>	#
67/22/56	57	10	20

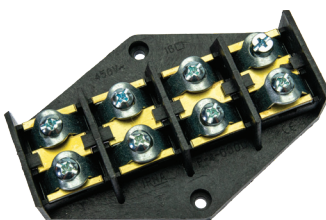
Terminal strip LZ 5x10mm<sup>2</sup> / 57A



E.4005P

ABC [mm]	I [A]	mm <sup>2</sup>	#
81/20/57	57	10	20

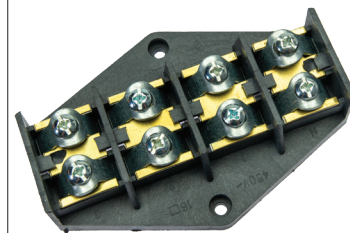
Terminal strip LZ 4x16mm<sup>2</sup> / 76A



E.4006P

ABC [mm]	I [A]	mm <sup>2</sup>	#
110/26,8/77	76	16	20

Terminal strip LZ 5x16mm<sup>2</sup> / 76A



E.4007P

ABC [mm]	I [A]	mm <sup>2</sup>	#
134/26/76	76	16	20

Terminal strip LZ 4x2,5mm<sup>2</sup> / 24A



E.4317

ABC [mm]	I [A]	mm <sup>2</sup>	#
52/12/48	24	2,5	25

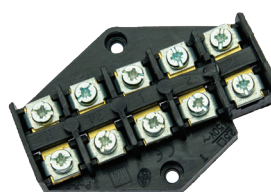
Terminal strip LZ 4x4mm<sup>2</sup> / 32A



E.4318

ABC [mm]	I [A]	mm <sup>2</sup>	#
47/16/48	32	4	25

Terminal strip LZ 5x2,5mm<sup>2</sup> / 24A



E.4319

ABC [mm]	I [A]	mm <sup>2</sup>	#
64/12/48	24	2,5	20

Terminal strip LZ 5x4mm<sup>2</sup> / 32A



E.4320

ABC [mm]	I [A]	mm <sup>2</sup>	#
59/15/48	32	4	20

Terminal strip LZ 5x35mm<sup>2</sup> / 150A



E.4009A

ABC [mm]	I [A]	U [V]	TH35	mm <sup>2</sup>	#
99/65/38	150	500		35	1

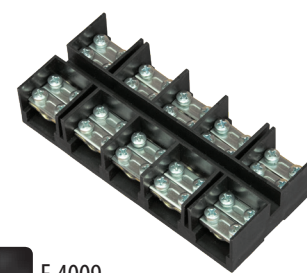
Terminal strip LZ 4x35mm<sup>2</sup> / 125A



E.4008

ABC [mm]	I [A]	mm <sup>2</sup>	#
116/29/64	125	35	5/1

Terminal strip LZ 5x35mm<sup>2</sup> / 125A









E.4009

ABC [mm]	I [A]	mm <sup>2</sup>	#
141/29/64	125	35	5/1

Remarks: Norma: PN 60947-7-1

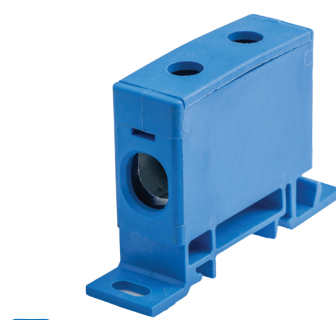
# Terminal strips

## Terminal strips in housing 1x50mm<sup>2</sup>

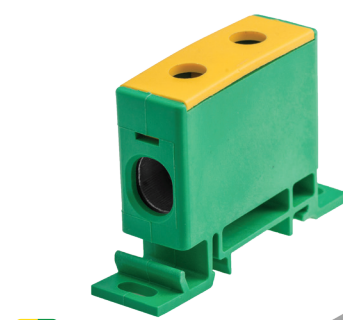
					
70x18x48,8		150	690	2,5-50	1
Norm: PN-EN 60947-7-1					

Terminal strip in housing 1x50mm<sup>2</sup> - grey

E.4117/CU

Terminal strip in housing 1x50mm<sup>2</sup> - blue

E.4118/CU

Terminal strip in housing 1x50mm<sup>2</sup> - yellow/green

E.4119/CU



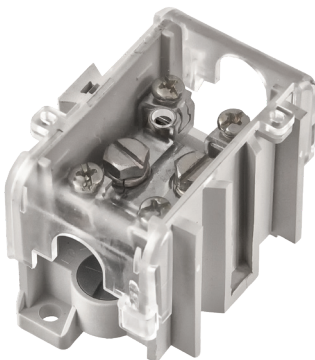
Remarks: Ability to mount the unit on TH35 rail or with screws to the ground. Wires installation: Allen Keys - 5 mm. Housing material: PA flame retardant  
Couplers are designed to connect aluminum inflexible conductor with 50mm<sup>2</sup> section and aluminium flexible conductor with 35mm<sup>2</sup> section  
Terminal strips in housing are made of special aluminium alloy, which allows combining aluminium with copper.

Terminal strips LZ and LG are mainly used in power supply cabinets, control cabinets, and distribution cabinets, wherever it is necessary ramification power supply between several receivers. To the terminal strips you can connect cables with a large cross-section which provides high versatility of the device. You can also mount the device on rail TH-35, which effectively facilitates the assembly and disassembly of the terminal strips.





## Terminal strips with cover

						
	500	125		in: 35	out: 16	1
Norm: PN-EN 60947-1, PN-EN 60947-7-1						

Terminal strip LZ 1x35/16 with cover



E.4101

			
50mm	75mm	51,5mm	

Remarks:  
Possibility of connecting lines

Durable cover prevents against accidental contact with the active elements and protects the connection against mechanical damage

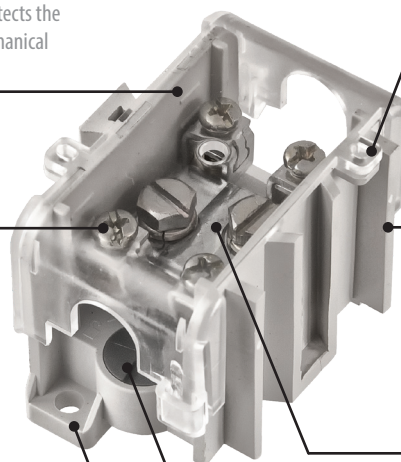
Terminals for receivers provides stable and strong connections of wires with a small cross-sections and for wires with declared maximum cross-section

Stands to screw terminal directly to the ground, providing easy installation wherever it is needed

Special hooks for sealing the terminal

Spacers to keep optimum distance between line-connected terminals

Terminal for the supply wire allows a very stable wire connection. Power can be supplied from both sides of the terminal strip



A special mounting system on rail TH-35 - the rotary pin allows for easy insertion and removal the terminal out of the rail, it also provides the stability of the terminal strips fixing

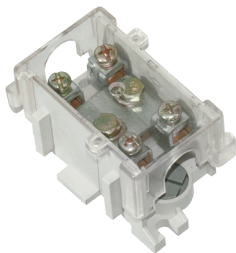
TH35

1

500

Norm: PN-EN 60947-1, PN-EN 60947-7-1

Terminal strip with cover LG 1x25/16



E.4028

IP20

61,5/41/38

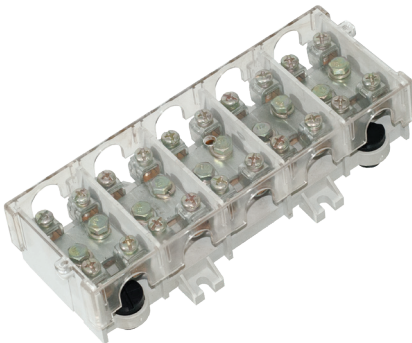
do/in:25

z/out:16

101

Remarks:

Terminal strip with cover LG 5x25/16



E.4029

IP20

61,5/41/164

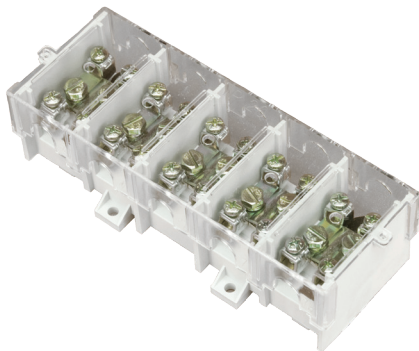
do/in:25

z/out:16

101

Remarks:

Terminal strip with cover LZ 5x35/16



E.4102

IP20

190/52/73

do/in:35

z/out:16

125

Remarks:

TH35

1

do/in: 95

z/out: 35

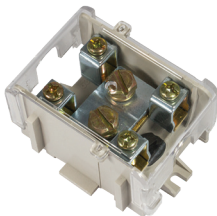
232

630

Norm: PN-EN 60947-1, PN-EN 60947-7-1



Terminal strip with cover LG 1x95/35



E.4027

IP20

60mm

84mm

53mm

232

Remarks:

Terminal strip with cover LG 4x95/35



E.4026

IP20

203mm

84mm

53mm

232

Remarks:



# Terminal strips

## Terminal strips self-locking without thread 2,5mm<sup>2</sup> /24A



Norm: PN-EN 60947-1, PN-EN 60947-7-1

### Professional, rapid assembly

E.4180	E.4181	E.4182	E.4183	E.4184
ABC [mm]	ABC [mm]	ABC [mm]	ABC [mm]	ABC [mm]
9,9/5,9/17,1	13,9/5,9/17,1	18/5,9/17,1	21,9/5,9/17,1	18/10,4/15,9
2	3	4	5	8
100	100	100	100	50
Remarks: PC-252CL	Remarks: PC-253CL	Remarks: PC-254CL	Remarks: PC-255CL	Remarks: PC-258CL



**E.4189 - Terminal strips self-locking without thread for 2,5mm<sup>2</sup> cable - practical set**  
Total 100 pcs. Included: 25 pcs E.4180, 40 pcs E.4181, 25 pcs E.4182, 10 pcs E.4183

## Quick connectors with the possibility of tool-free disassembly of the connection of 2, 3 or 5 wires with cross-sections from 0,5-4mm<sup>2</sup>



Norm: PN-EN 60947-1, PN-EN 60947-7-1

E.4190	E.4191	E.4193
ABC [mm]	ABC [mm]	ABC [mm]
20,8/12,3/14,5	20,8/16,8/14,5	20,8/26/14,5
2	3	5
50	40	25

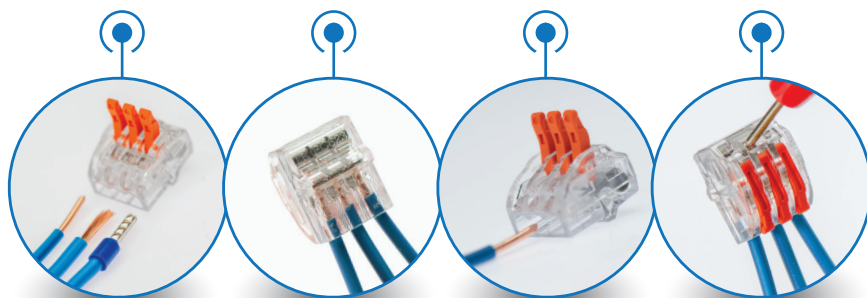
Recommended for all types of electric cables: cable / wire / collet with cross-sections of 0,5-4 mm<sup>2</sup>

Functional, safe, separable, low-resistance connection

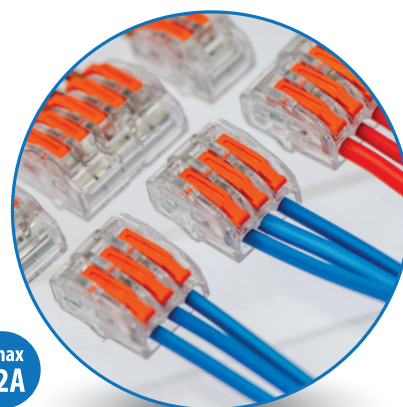
Strip 10mm insulation of the wire, release the clip by lifting the lock

Insert the wire, press down the clamp lock, Test the connection through the control hole

- Rated voltage 450V
- Working temperature up to 85 degrees Celsius



I max  
32A



## Quick connectors



20,5/15,5/8,5 2 24A/~400V 2,5

### Quick Connector 2,5 mm<sup>2</sup> for lighting

E.4185



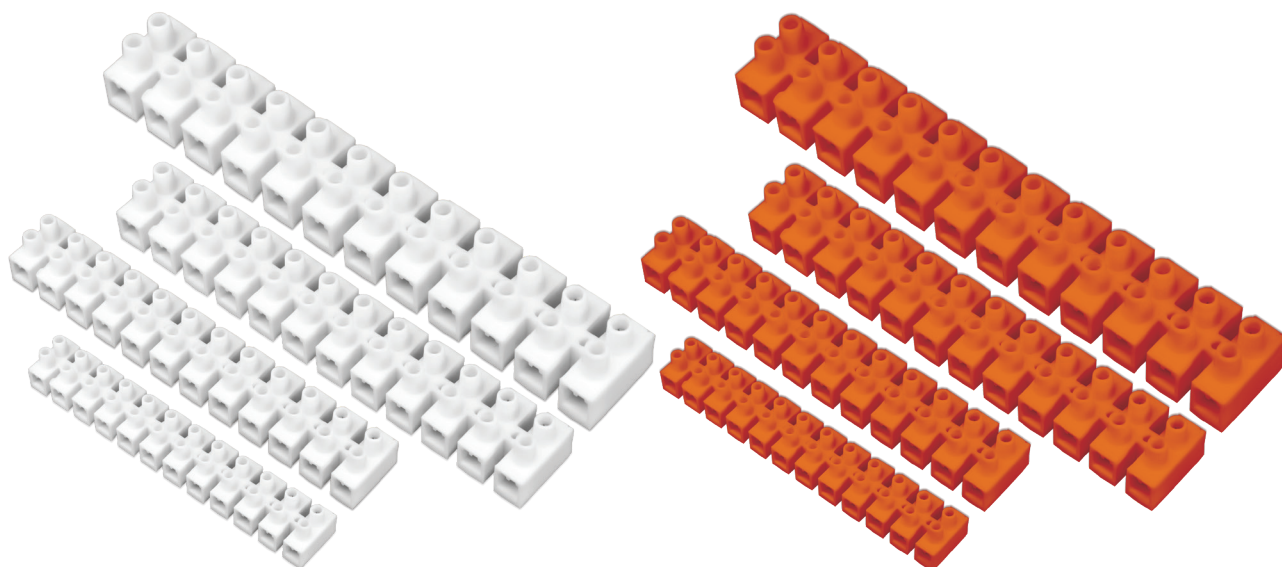


## Terminal strips - 12 lines halogen free



10

Norm: PN-EN 60947-7-1



Type: PS-2,5 mm<sup>2</sup>  
I=24A

E.4031  
E.4031P

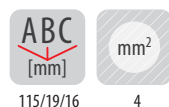


93/17/13

2,5

Type: PS-4 mm<sup>2</sup>  
I=32A

E.4032  
E.4032P

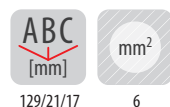


115/19/16

4

Type: PS-6 mm<sup>2</sup>  
I=41A

E.4033  
E.4033P

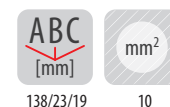


129/21/17

6

Type: PS-10 mm<sup>2</sup>  
I=57A

E.4034  
E.4034P

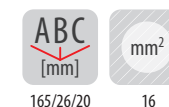


138/23/19

10

Type: PS-16 mm<sup>2</sup>  
I=76A

E.4035  
E.4035P



165/26/20

16

Type: PS-25 mm<sup>2</sup>  
I=101A

E.4072  
E.4036P



186/29/25

25mm



500V

1

Norm: PN-EN 60947-1, PN-EN 60947-7-1

## IP67 cable connectors

IP67 cable connectors, type 5x2,5mm<sup>2</sup>



E.4203



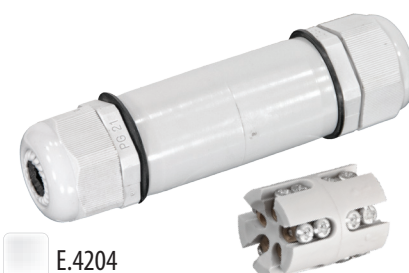
110mm

27,5mm

2,5

PG16

IP67 cable connectors, type 5x6mm<sup>2</sup>



E.4204



124mm

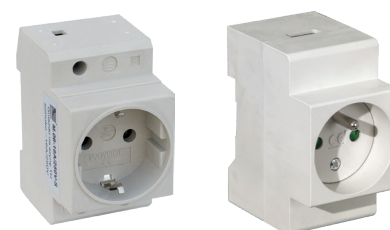
33mm

6

PG21

## TH35 rail mounting grounded

TH35 rail mounting grounded ~16A/250V socket  
Product also available in a SCHUKO version  
Primary voltage: 250 V  
Contacts load capacity: 10/16 A  
Number of occupied modules: 2.5



M.06-16A/250V-S

M.06-16A/250V

# Terminal strips

## Terminal strips

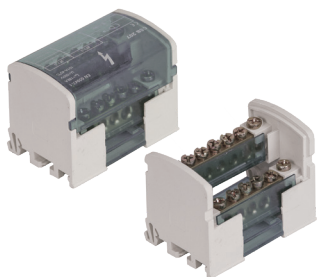
TH35



1

Norm: PN-EN 60947-1, PN-EN 60947-7-1

Terminal strip 2 x 7 clamps



E.4073

ABC  
[mm]

I / U

mm<sup>2</sup>mm<sup>2</sup>

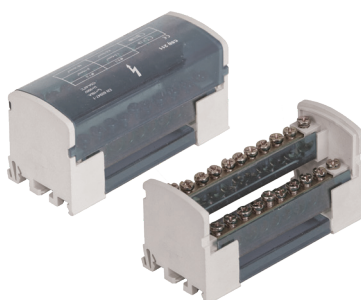
44/51/66 160A/~500V

4 x 1,5-25

10 x 1,5-10

Remarks: Clamps: 160A / 500V

Terminal strip 2 x 11 clamps



E.4074

ABC  
[mm]

I / U

mm<sup>2</sup>mm<sup>2</sup>mm<sup>2</sup>

44/51/101 160A/~500V

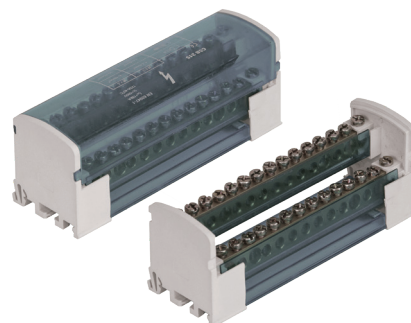
4 x 2,5-35

4 x 1,5-25

14 x 1,5-10

Remarks: Clamps: 160A / 500V

Terminal strip 2 x 15 clamps



E.4075

ABC  
[mm]

I / U

mm<sup>2</sup>mm<sup>2</sup>mm<sup>2</sup>

44/51/133 160A/~500V

4 x 2,5-35

4 x 1,5-25

22 x 1,5-10

Remarks: Clamps: 160A / 500V

## Terminal strips

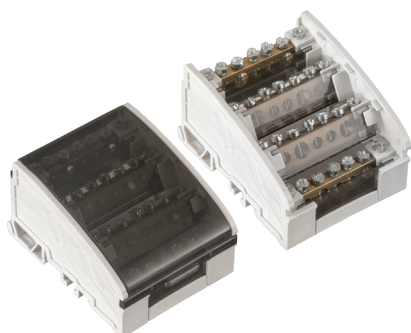
TH35



1

Norm: PN-EN 60947-1, PN-EN 60947-7-1

Terminal strip 4 x 7 clamps



E.4076

ABC  
[mm]

I / U

mm<sup>2</sup>mm<sup>2</sup>

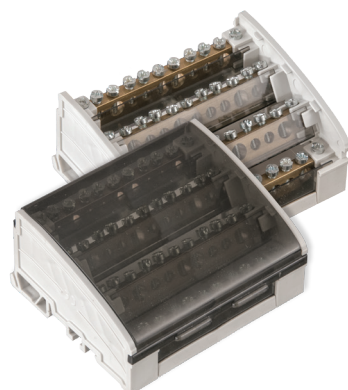
88/51/66 160A/~500V

8 x 1,5-25

20 x 1,5-10

Remarks: Clamps: 160A / 500V

Terminal strip 4 x 11 clamps



E.4077

ABC  
[mm]

I / U

mm<sup>2</sup>mm<sup>2</sup>mm<sup>2</sup>

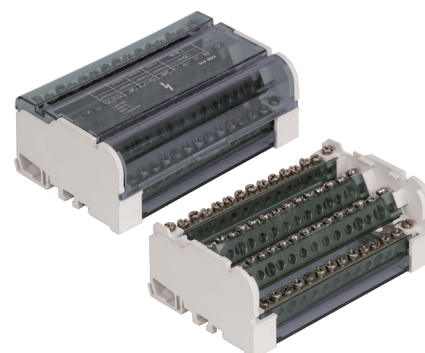
88/51/101 160A/~500V

16 x 2,5-35

28 x 1,5-10

Remarks: Clamps: 160A / 500V

Terminal strip 4 x 15 clamps



E.4088

ABC  
[mm]

I / U

mm<sup>2</sup>mm<sup>2</sup>mm<sup>2</sup>

88/51/133 160A/~500V

8 x 2,5-35

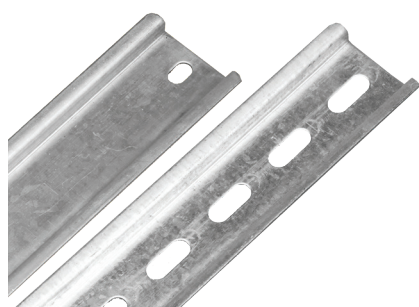
8 x 1,5-25

44 x 1,5-10

Remarks: Clamps: 160A / 500V

## Terminal rail TH35, Control conductor clamps

### Terminal rail TH35 - normal and perforated



E.4105

E.4105P

ABC  
[mm]

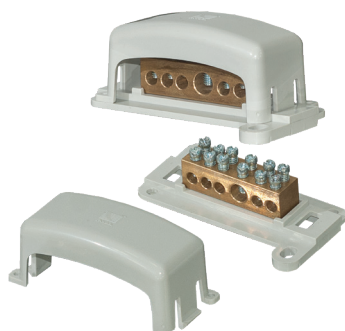
35/7/1000

#

10/1

Remarks: Norm: PN-EN 60715  
E.4105 - normal, E.4105P - perforated

### Control conductor clamp - small



E.4104M

ABC  
[mm]

74,1/47,4/32

mm<sup>2</sup>

5 x 10

mm<sup>2</sup>

1 x 16

#

1

Remarks: Norm: PN-EN 50164-1, PN-EN 60947-7-1, Torque: 1,2Nm

### Control conductor clamp



E.4104

E.4104P

ABC  
[mm]

176/52/52

mm<sup>2</sup>

1x band iron 30mm

mm<sup>2</sup>

7 x 16

mm<sup>2</sup>

1 x 50

#

1

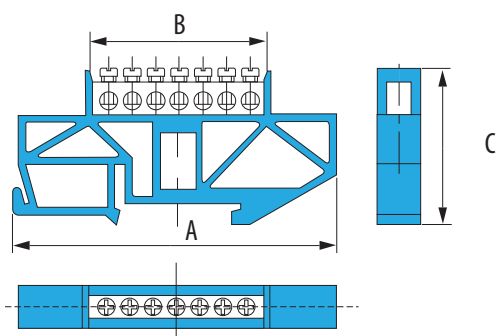
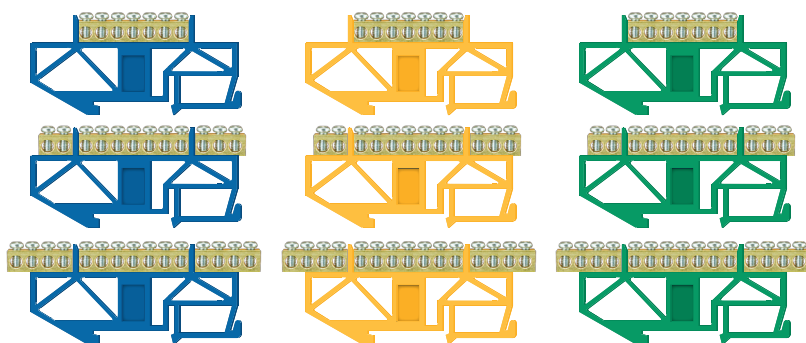
Remarks: Norm: PN-EN 50164-1, PN-EN 60947-7-1, Torque: 2Nm  
1 x band iron



10

Norm: PN-EN 60947-1, PN-EN 60947-7-1

## Terminal strips LZ - high base - ready to TH 35 rail



Catalogue number	Type	Colour	A [mm]	B [mm]	C [mm]	Quantity and wire cross-section
E.4041	LZ 7 / Z	green	90	52	43	7 x 16 mm <sup>2</sup>
E.4042	LZ 12 / Z	green	90	85	43	12 x 16 mm <sup>2</sup>
E.4043	LZ 15 / Z	green	90	105	43	15 x 16 mm <sup>2</sup>
E.4044	LZ 7 / N	blue	90	52	43	7 x 16 mm <sup>2</sup>
E.4045	LZ 12 / N	blue	90	85	43	12 x 16 mm <sup>2</sup>
E.4046	LZ 15 / N	blue	90	105	43	15 x 16 mm <sup>2</sup>
E.4055	LZ 7 / Ž	yellow	90	52	43	7 x 16 mm <sup>2</sup>
E.4056	LZ 12 / Ž	yellow	90	85	43	12 x 16 mm <sup>2</sup>
E.4057	LZ 15 / Ž	yellow	90	105	43	15 x 16 mm <sup>2</sup>

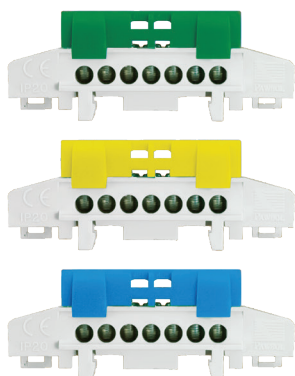
# Terminal strips

## Terminal strips IP20 - ready to TH 35 rail

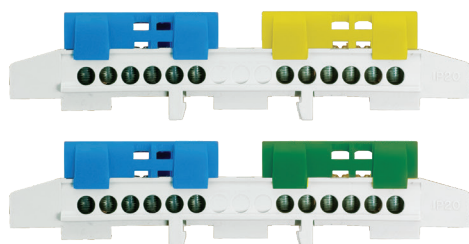
TH35

IP20

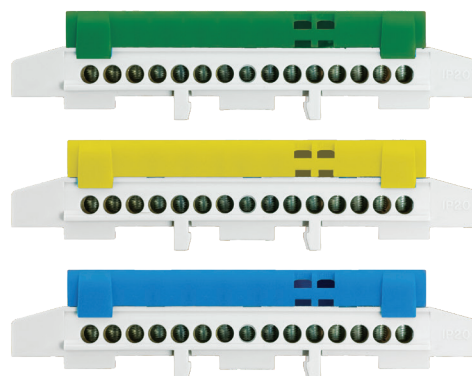
Norm: PN-EN 60947-1, PN-EN 60947-7-1



LZ 7



LZ 12 - divide 2x6



LZ 15

Catalogue number	Type	Colour		A [mm]	B [mm]	C [mm]	Quantity and wire cross-section [-] x [mm <sup>2</sup> ]	Quantity in package
E.4170	LZ 7 / N	blue		85	33	19	7 x 16 mm <sup>2</sup>	10
E.4171	LZ 15 / N			135	33	19	15 x 16 mm <sup>2</sup>	5
E.4172	LZ 7 / Z	green		85	33	19	7 x 16 mm <sup>2</sup>	10
E.4173	LZ 15 / Z			135	33	19	15 x 16 mm <sup>2</sup>	5
E.4174	LZ 7 / Ž	yellow		85	33	19	7 x 16 mm <sup>2</sup>	10
E.4175	LZ 15 / Ž			135	33	19	15 x 16 mm <sup>2</sup>	5
E.4176	LZ 12 divide 2x6 N/Ž	blue / yellow		135	33	19	2 x 6 x 16 mm <sup>2</sup>	5
E.4177	LZ 12 divide 2x6 N/Z	blue / green		135	33	19	2 x 6 x 16 mm <sup>2</sup>	5

## Protection terminal

I [A]

130

TH35

#

10

Current protection terminal 2x35 mm<sup>2</sup>  
Connected wires: 2x35 mm<sup>2</sup>



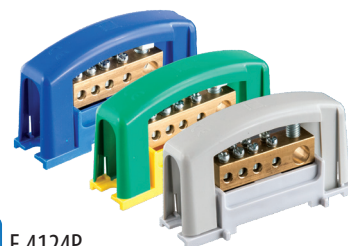
- E.4120P
- E.4121P
- E.4120SP

Current protection terminal 2xM8 (eyed)



- E.4122P
- E.4123P
- E.4122SP

Current protection terminal 1x35, 4x16  
Connected wires: 1x35 mm<sup>2</sup>, 4x16 mm<sup>2</sup>



- E.4124P
- E.4125P
- E.4124SP

Technical characteristics:

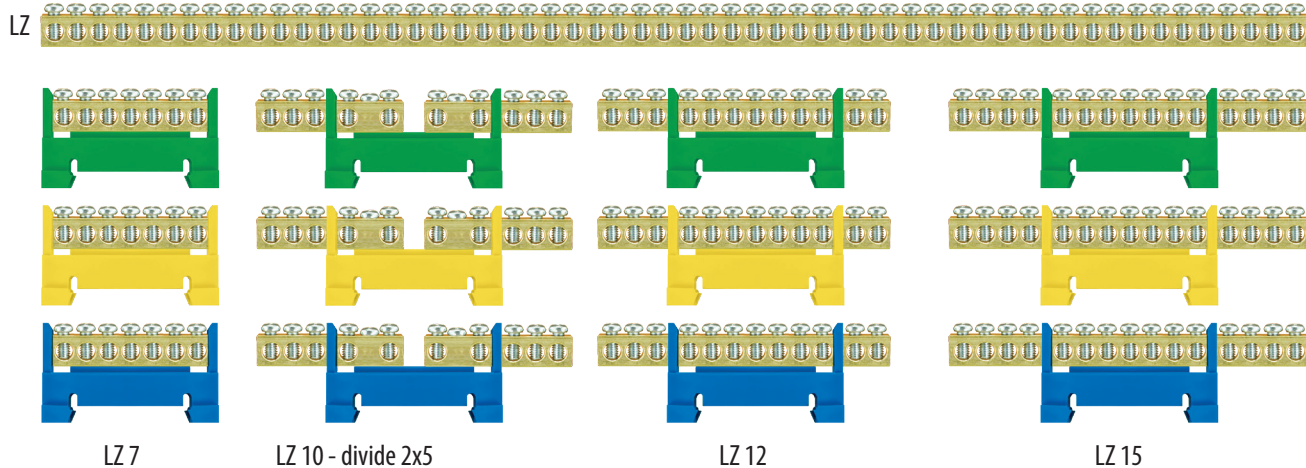
Length: 81 mm Width: 22 mm (25 mm with cut-off distance), height: 46 mm, can be mounted on TH 35 rail and permanently with screws



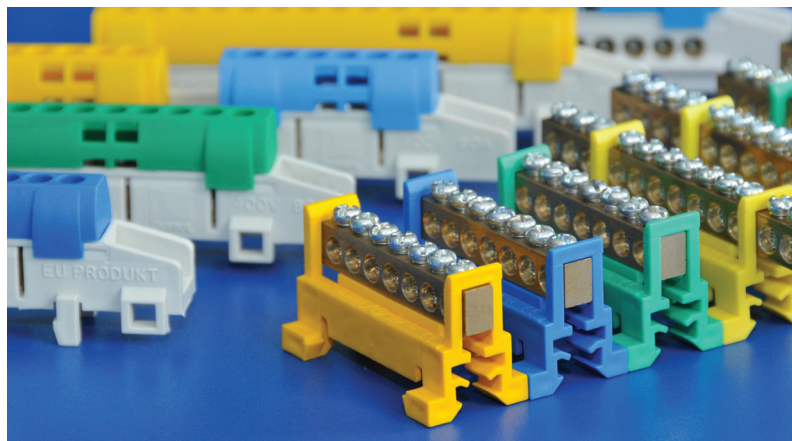
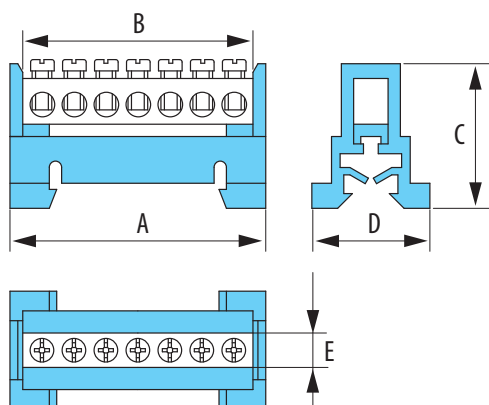
TH35

## Terminal strips adapted to assemble on TH 35 rail

Norm: PN-EN 60947-1, PN-EN 60947-7-1



Catalogue number	Type	Colour		A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Quantity and wire cross-section [-] x [mm <sup>2</sup> ]	Quantity in package [-]
E.4051-10	LZ			1000	-	-	-		~170 holes x 10 mm <sup>2</sup>	1
E.4020-16	LZ			1000	-	-	-	6,5	~150 holes x 16 mm <sup>2</sup>	1
E.4020	LZ 7 / Z	green		52	52	29	23	6,5	7 x 16 mm <sup>2</sup>	10
E.4130	LZ 10 divide 2x5 / Z			52	2 x 42	29	23	6,5	2 x 5 x 16 mm <sup>2</sup>	10
E.4021	LZ 12 / Z			52	85	29	23	6,5	12 x 16 mm <sup>2</sup>	10
E.4022	LZ 15 / Z			52	105	29	23	6,5	15 x 16 mm <sup>2</sup>	10
E.4052	LZ 7 / Ž	yellow		52	52	29	23	6,5	7 x 16 mm <sup>2</sup>	10
E.4132	LZ 10 divide 2x5 / Ž			52	2 x 42	29	23	6,5	2 x 5 x 16 mm <sup>2</sup>	10
E.4053	LZ 12 / Ž			52	85	29	23	6,5	12 x 16 mm <sup>2</sup>	10
E.4054	LZ 15 / Ž			52	105	29	23	6,5	15 x 16 mm <sup>2</sup>	10
E.4023	LZ 7 / N	blue		52	52	29	23	6,5	7 x 16 mm <sup>2</sup>	10
E.4131	LZ 10 divide 2x5 / N			52	2 x 42	29	23	6,5	2 x 5 x 16 mm <sup>2</sup>	10
E.4024	LZ 12 / N			52	85	29	23	6,5	12 x 16 mm <sup>2</sup>	10
E.4025	LZ 15 / N			52	105	29	23	6,5	15 x 16 mm <sup>2</sup>	10



# Terminal strips

## Terminal blocks



80/40/50



160A/~600V



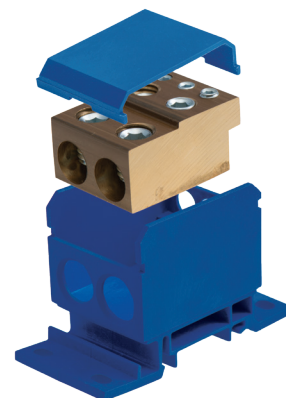
1

Choose the color of the housing, depending on its destination!

- » Connectors designed for connecting aluminum and copper conductors
- » Quick and comfortable installation of wires
- » Esthetic and functional protective housing
- » Housing material: PA flame retardant - high thermal resistance
- » Ability to mount the unit on TH35 rail or with screws to the ground
- » Wires installation: Allen Keys - 6, 5, 4, 3 mm (depending on the version)



Catalogue No.	Type	Colour	Installation key:	Sockets depth:
E.4090/N	2 x 2,5-50 mm <sup>2</sup> / 4 x 2,5-16 mm <sup>2</sup> , 3 x 2,5-25 mm <sup>2</sup>			2,5-50: 21,5 mm 2,5-16: 9,5 mm 2,5-25: 17,5 mm
E.4090/SZ	2 x 2,5-50 mm <sup>2</sup> / 4 x 2,5-16 mm <sup>2</sup> , 3 x 2,5-25 mm <sup>2</sup>			
E.4090/Ž-Z	2 x 2,5-50 mm <sup>2</sup> / 4 x 2,5-16 mm <sup>2</sup> , 3 x 2,5-25 mm <sup>2</sup>			
E.4091/N	2 x 2,5-50 mm <sup>2</sup> / 3 x 2,5-25 mm <sup>2</sup> , 2 x 2,5-35 mm <sup>2</sup>			2,5-50: 21,5 mm 2,5-25: 12,5 mm 2,5-35: 25,5 mm
E.4091/SZ	2 x 2,5-50 mm <sup>2</sup> / 3 x 2,5-25 mm <sup>2</sup> , 2 x 2,5-35 mm <sup>2</sup>			
E.4091/Ž-Z	2 x 2,5-50 mm <sup>2</sup> / 3 x 2,5-25 mm <sup>2</sup> , 2 x 2,5-35 mm <sup>2</sup>			
E.4092/N	2 x 6-70 mm <sup>2</sup> / 2 x 6-70 mm <sup>2</sup>			6-70: 25 mm
E.4092/SZ	2 x 6-70 mm <sup>2</sup> / 2 x 6-70 mm <sup>2</sup>			
E.4092/Ž-Z	2 x 6-70 mm <sup>2</sup> / 2 x 6-70 mm <sup>2</sup>			
E.4093/N	2 x 6-70 mm <sup>2</sup> / 2 x 2,5-50 mm <sup>2</sup> , 1 x 2,5-25 mm <sup>2</sup>			6-70: 24,5 mm 2,5-50: 21,3 mm 2,5-25: 21,3 mm
E.4093/SZ	2 x 6-70 mm <sup>2</sup> / 2 x 2,5-50 mm <sup>2</sup> , 1 x 2,5-25 mm <sup>2</sup>			
E.4093/Ž-Z	2 x 6-70 mm <sup>2</sup> / 2 x 2,5-50 mm <sup>2</sup> , 1 x 2,5-25 mm <sup>2</sup>			



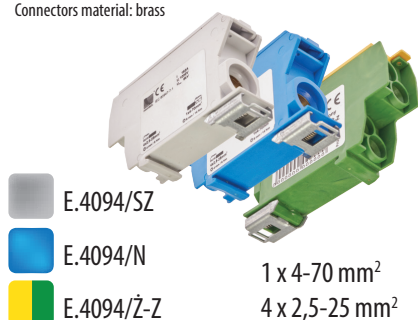
## Terminal blocks & terminal strips in housing



10

### Terminal blocks

Connecting rated voltage: 240/415 V  
Insulation rated voltage: 1000 V  
Current capacity: 192 A  
Rated impulse withstand voltage: 6 kV  
Insulation material: PC/ABS  
Connectors material: brass



E.4094/SZ

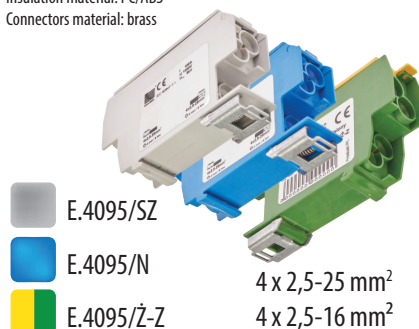
E.4094/N

E.4094/Ž-Z

1 x 4-70 mm<sup>2</sup>4 x 2,5-25 mm<sup>2</sup>

### Terminal blocks

Connecting rated voltage: 240/415 V  
Insulation rated voltage: 1000 V  
Current capacity: 100 A  
Rated impulse withstand voltage: 6 kV  
Insulation material: PC/ABS  
Connectors material: brass



E.4095/SZ

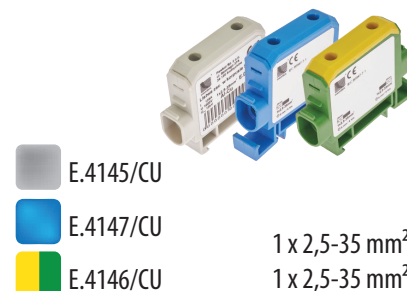
E.4095/N

E.4095/Ž-Z

4 x 2,5-25 mm<sup>2</sup>4 x 2,5-16 mm<sup>2</sup>

### Terminal strips in housing

Connecting rated voltage: 240/415 V  
Insulation rated voltage: 1000 V  
Current capacity: 125 A  
Rated impulse withstand voltage: 12 kV  
Insulation material: PA6.6  
Connectors material: aluminum



E.4145/CU

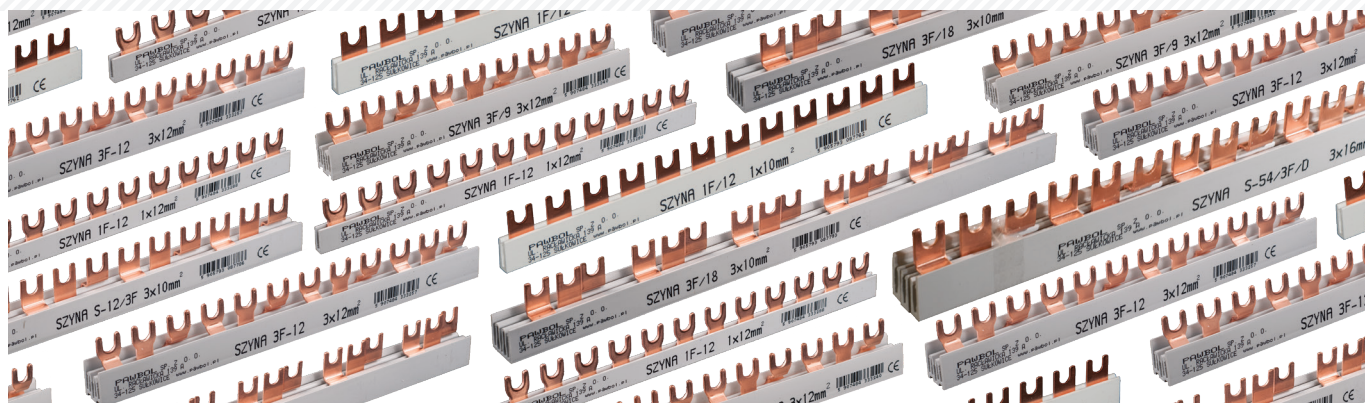
E.4147/CU

E.4146/CU

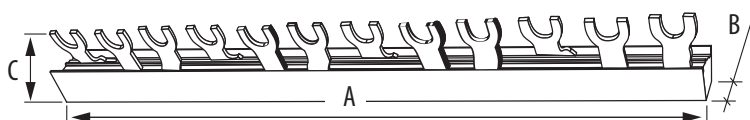
1 x 2,5-35 mm<sup>2</sup>1 x 2,5-35 mm<sup>2</sup>

## 1 & 3 Phase Busbar fork

Norm: PN-EN 60947-7-1



Catalogue number	Type	Quantity of ways	Current [A]	Dimensions A/B/C [mm]	[mm <sup>2</sup> ] way cross-section	Quantity in package
E.4302	S - 12	3F	63	215 / 16 / 31	10 mm <sup>2</sup>	20 / 1
E.4303	S - 18	3F	63	322 / 16 / 31	10 mm <sup>2</sup>	20 / 1
E.4304	S - 54	3F	63	965 / 16 / 31	10 mm <sup>2</sup>	20 / 1
E.4300	S - 12	1F	63	215 / 5 / 29	10 mm <sup>2</sup>	40 / 1
E.4301	S - 54	1F	63	968 / 5 / 29	10 mm <sup>2</sup>	40 / 1
E.4036A	S - 9	3F	80	160 / 15 / 31	12 mm <sup>2</sup>	40 / 1
E.4036B	S - 9 divide	3F	80	160 / 15 / 31	12 mm <sup>2</sup>	40 / 1
E.4037A	S - 12	3F	80	212 / 15 / 31	12 mm <sup>2</sup>	20 / 1
E.4037B	S - 12 divide	3F	80	212 / 15 / 31	12 mm <sup>2</sup>	20 / 1
E.4038	S - 18	3F	80	320 / 15 / 31	12 mm <sup>2</sup>	20 / 1
E.4038B	S - 18 divide	3F	80	320 / 15 / 31	12 mm <sup>2</sup>	20 / 1
E.4039A	S - 54	3F	80	955 / 15 / 31	12 mm <sup>2</sup>	20 / 1
E.4039B	S - 54 divide	3F	80	955 / 15 / 31	12 mm <sup>2</sup>	20 / 1
E.4126	S - 12	1F	80	212 / 5 / 26	12 mm <sup>2</sup>	50 / 1
E.4127A	S - 54	1F	80	955 / 5 / 26	12 mm <sup>2</sup>	50 / 1
E.4308	S - 12	3F	100	215 / 17 / 31	16 mm <sup>2</sup>	20 / 1
E.4308B	S - 12 divide	3F	100	215 / 17 / 31	16 mm <sup>2</sup>	20 / 1
E.4309	S - 18	3F	100	322 / 17 / 31	16 mm <sup>2</sup>	20 / 1
E.4309B	S - 18 divide	3F	100	322 / 17 / 31	16 mm <sup>2</sup>	20 / 1
E.4310	S - 54	3F	100	965 / 17 / 31	16 mm <sup>2</sup>	20 / 1
E.4310B	S - 54 divide	3F	100	965 / 17 / 31	16 mm <sup>2</sup>	20 / 1
E.4306	S - 12	1F	100	215 / 5 / 29	16 mm <sup>2</sup>	40 / 1
E.4307	S - 54	1F	100	968 / 5 / 29	16 mm <sup>2</sup>	40 / 1



### E.4129

3F terminal strips closer  
Dimensions: 18 / 8 / 21 mm  
Quantity in package - 1

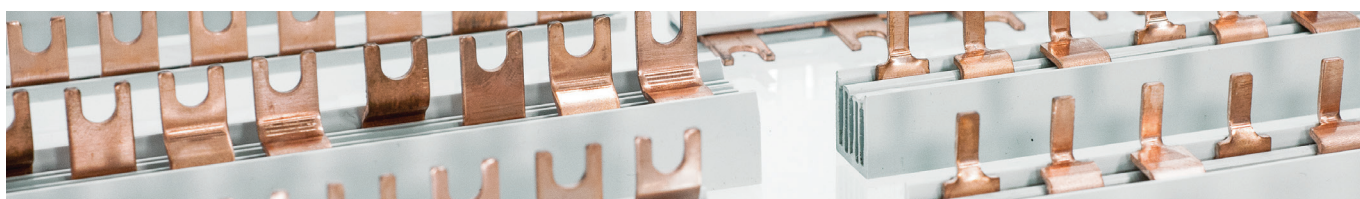




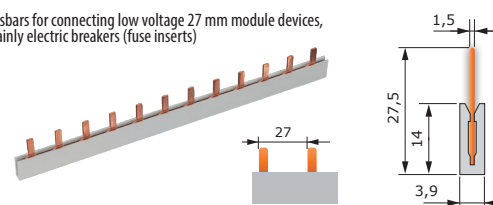
## Busbar pin

Norm: PN-EN 60947-7-1

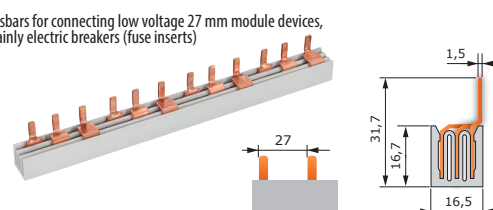
## Quick, secure and esthetic connection

Cross-section 16mm<sup>2</sup> busbars. Pin implementation

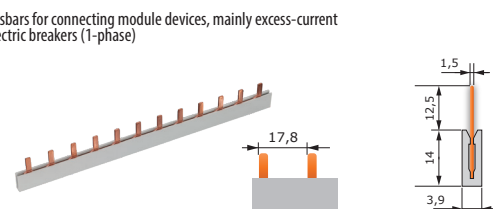
Catalogue no.	Type / Length in modules 27 mm	Number of tracks	Busbar length [m]	Weight [g]	Packaging: pieces
E.4116/12VSZ	12 V	1F	0,32	90	40 / 1
E.4116/36VSZ	36 V	1F	1	260	40 / 1

Busbars for connecting low voltage 27 mm module devices,  
mainly electric breakers (fuse inserts)Cross-section 16mm<sup>2</sup> busbars. Pin implementation

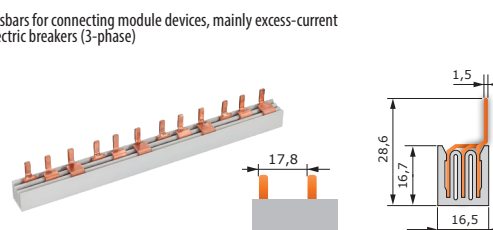
Catalogue no.	Type / Length in modules 27 mm	Number of tracks	Busbar length [m]	Weight [g]	Packaging: pieces
E.4316/12VSZ	12 V	3F	0,32	200	20 / 1
E.4316/36VSZ	36 V	3F	1	665	20 / 1

Busbars for connecting low voltage 27 mm module devices,  
mainly electric breakers (fuse inserts)Cross-section 16mm<sup>2</sup> busbars. Pin implementation

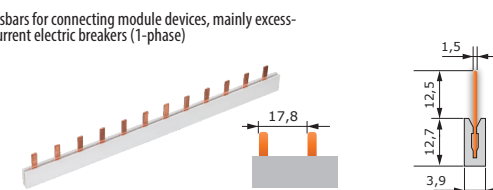
Catalogue no.	Type / Length in modules 17,8 mm	Number of tracks	Busbar length [m]	Weight [g]	Packaging: pieces
E.4116/12SZ	12	1F	0,21	60	40 / 1
E.4116/54SZ	54	1F	1	241	40 / 1

Busbars for connecting module devices, mainly excess-current  
electric breakers (1-phase)Cross-section 16mm<sup>2</sup> busbars. Pin implementation

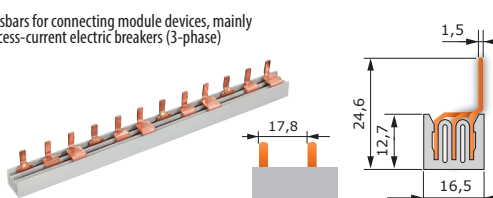
Catalogue no.	Type / Length in modules 17,8 mm	Number of tracks	Busbar length [m]	Weight [g]	Packaging: pieces
E.4316/12SZ	12	3F	0,21	140	20 / 1
E.4316/18SZ	18	3F	0,32	220	20 / 1
E.4316/54SZ	54	3F	1	670	20 / 1

Busbars for connecting module devices, mainly excess-current  
electric breakers (3-phase)Cross-section 10mm<sup>2</sup> busbars. Pin implementation

Catalogue no.	Type / Length in modules 17,8 mm	Number of tracks	Busbar length [m]	Weight [g]	Packaging: pieces
E.4110/12SZ	12	1F	0,21	42	40
E.4110/54SZ	54	1F	1	207	40

Busbars for connecting module devices, mainly excess-  
current electric breakers (1-phase)Cross-section 10mm<sup>2</sup> busbars. Pin implementation

Catalogue no.	Type / Length in modules 17,8 mm	Number of tracks	Busbar length [m]	Weight [g]	Packaging: pieces
E.4310/12SZ	12	3F	0,21	100	20
E.4310/54SZ	54	3F	1	480	20

Busbars for connecting module devices, mainly  
excess-current electric breakers (3-phase)



### Busbar fork

Norm: PN-EN 60947-7-1

#### Specifications:

- Power supply: 400 V
- Insulation strength: 2.5 kV
- Operational stability: from -20 °C to +50 °C
- Glow-wire test: T-850 °C
- Rated current of load for busbars with 10 mm<sup>2</sup> cross section: 63 A
- Rated current of load for busbars with 10 mm<sup>2</sup> cross section: 100 A
- Material of busbar housing: PVC
- Material of busbar: copper M1E

#### Use:

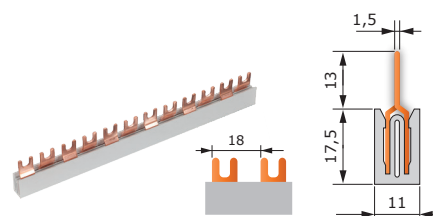
Insulated busbars provide a comfortable connecting of differential current, excess-current and protector electric breakers.

Insulated busbars offered by Pawbol Sp. z o. o. is a wide range of professional solutions and a large variety of realization provides many opportunities for electrical applications.

#### Cross-section 16 mm<sup>2</sup> busbars. Fork implementation

Catalogue no.	Type / Length in modules 18 mm	Number of tracks	Busbar length [m]	Weight [g]	Packaging: pieces
E.4216/12W	S - 12	2F	0,21	120	10 / 1
E.4216/18W	S - 18	2F	0,32	200	20 / 1
E.4216/24W	S - 24	2F	0,44	250	20 / 1
E.4216/54W	S - 54	2F	1	540	10 / 1

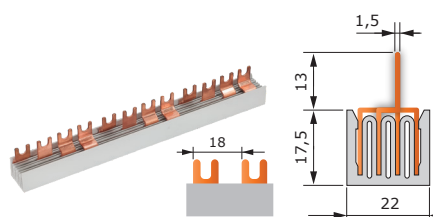
2-track busbars are used to connect differential current and excess-current electric breakers with zero track (or 2-pole electric breakers with track zero)



#### Cross-section 16 mm<sup>2</sup> busbars. Fork implementation

Catalogue no.	Type / Length in modules 18,0 mm	Number of tracks	Busbar length [m]	Weight [g]	Packaging: pieces
E.4416/12W	S - 12	4F	0,21	230	10 / 1
E.4416/12DW	S - 12 divide	4F	0,21	200	10 / 1
E.4416/56W	S - 56	4F	1	1000	10 / 1
E.4416/56DW	S - 56 divide	4F	1	1000	10 / 1

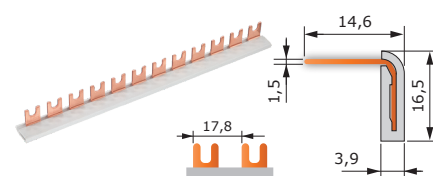
4-track busbars are used to connect differential current and excess-current electric breakers with zero track (or 4-pole electric breakers with track zero)



#### Cross-section 16 mm<sup>2</sup> bend busbars. Fork implementation

Catalogue no.	Type / Length in modules 17,8 mm	Number of tracks	Busbar length [m]	Weight [g]	Packaging: pieces
E.4116/2LW	2L	1F	0,03	10	50 / 1
E.4116/3LW	3L	1F	0,05	15	50 / 1
E.4116/4LW	4L	1F	0,07	22	50 / 1
E.4116/12LW	12L	1F	0,21	65	40 / 1
E.4116/54LW	54L	1F	1	300	40 / 1

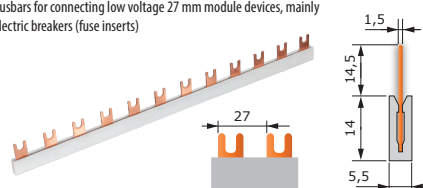
Busbars are used to connect 1F differential current and protector electric breakers.



#### Cross-section 16 mm<sup>2</sup> busbars. Fork implementation

Catalogue no.	Type / Length in modules 27 mm	Number of tracks	Busbar length [m]	Weight [g]	Packaging: pieces
E.4116/12STVW	12 STV	1F	0,21	90	40 / 1
E.4116/36STVW	36 STV	1F	1	270	40 / 1

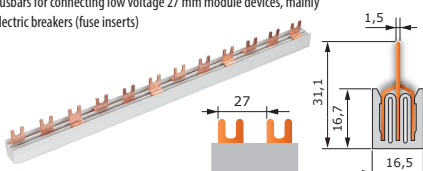
Busbars for connecting low voltage 27 mm module devices, mainly electric breakers (fuse inserts)



#### Cross-section 16 mm<sup>2</sup> busbars. Fork implementation

Catalogue no.	Type / Length in modules 27 mm	Number of tracks	Busbar length [m]	Weight [g]	Packaging: pieces
E.4316/12STVW	12 STV	3F	0,21	205	20 / 1
E.4316/36STVW	36 STV	3F	1	650	20 / 1












Busbars for connecting low voltage 27 mm module devices, mainly electric breakers (fuse inserts)



# Cable clips and ties

## Cable clip with driven nail

Norm: PN-EN 61914

 white			 		 Black	 Brown		
 100	 50	 25	Type for cable O - round P - flat	Nail dimension length / diameter	 100	 50	 25	
H.7001A	H.7001A-50	H.7001A-25	3 mm	O	18 / 2	-	H.7001B-50	H.7001B-25
H.7002A	H.7002A-50	H.7002A-25	4 mm	O	18 / 2	H.7002C	H.7002B-50	H.7002B-25
H.7003A	H.7003A-50	H.7003A-25	5 mm	O	18 / 2	-	H.7003B-50	H.7003B-25
H.7004A	H.7004A-50	H.7004A-25	6 mm	O	20 / 2	H.7004C	H.7004B-50	H.7004B-25
H.7005A	H.7005A-50	H.7005A-25	7 mm	O	20 / 2	H.7005C	H.7005B-50	H.7005B-25
H.7007A	H.7007A-50	H.7007A-25	8 mm	O	20 / 2	H.7007C	H.7007B-50	H.7007B-25
H.7008A	H.7008A-50	H.7008A-25	10 mm	O	25 / 2	H.7008C	H.7008B-50	H.7008B-25
H.7009A	H.7009A-50	H.7009A-25	12 mm	O	25 / 2	H.7009C	H.7009B-50	H.7009B-25
H.7017A	H.7017A-50	H.7017A-25	14 mm	O	30 / 2	-	H.7017B-50	H.7017B-25
H.7010A	H.7010A-50	H.7010A-25	YDYp 2x1 6/4	P	18 / 2	-	H.7010B-50	H.7010B-25
H.7011A	H.7011A-50	H.7011A-25	YDYp 3x1 8/4	P	18 / 2	-	H.7011B-50	H.7011B-25
H.7012A	H.7012A-50	H.7012A-25	YDYp 2x1,5 7/5	P	20 / 2	H.7012C	H.7012B-50	H.7012B-25
H.7013A	H.7013A-50	H.7013A-25	YDYp 2x2,5 8/6	P	20 / 2	H.7013C	H.7013B-50	H.7013B-25
H.7014A	H.7014A-50	H.7014A-25	YDYp 3x1,5 10/6	P	20 / 2	H.7014C	H.7014B-50	H.7014B-25
H.7018A	H.7018A-50	H.7018A-25	YDYp 3x2,5 13/7	P	20 / 2	H.7018C	H.7018B-50	H.7018B-25
H.7015A	H.7015A-50	H.7015A-25	OMYp 2x0,5 5/3	P	18 / 2	-	H.7015B-50	H.7015B-25
H.7016A	H.7016A-50	H.7016A-25	SMYp 2x0,75 5/4	P	18 / 2	-	H.7016B-50	H.7016B-25

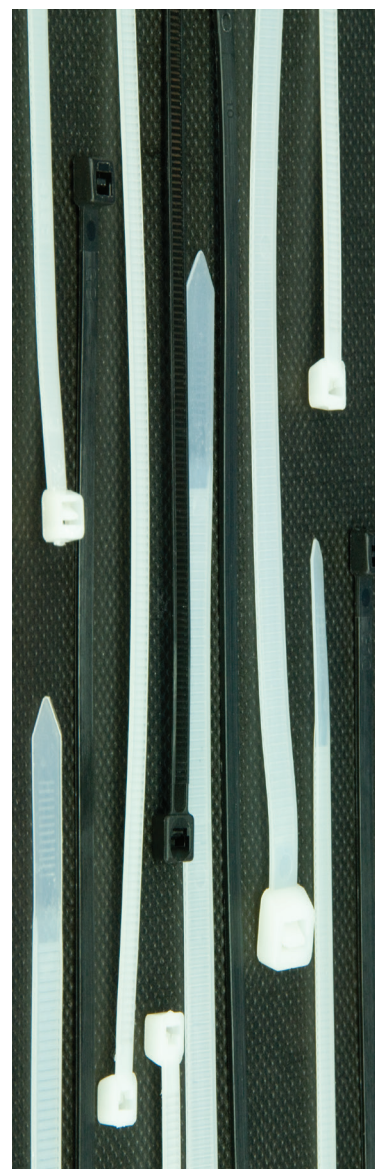
Cable clip with driven nail for cables with round and flat cross-sections are a simple and quick installation of cables to the walls of buildings.


**NEW!**
**Now cable clip with driven nail also available in black!**

## Cable ties halogen free

Norm: PN-EN 62275

White cable tie	Black cable tie	Type			
					
H.7251	H.7251B	100 / 2,5	100	2,5	100
H.7252	H.7252B	120 / 2,5	120	2,5	100
H.7254	H.7254B	160 / 2,5	160	2,5	100
H.7256	H.7256B	140 / 3,6	140	3,6	100
H.7263	H.7263B	150 / 4,8	150	4,8	100
H.7255	H.7255B	200 / 2,5	200	2,5	100
H.7257	H.7257B	200 / 3,6	200	3,6	100
H.7265	H.7265B	200 / 4,8	200	4,8	100
H.7266	H.7266B	250 / 4,8	250	4,8	100
H.7259	H.7259B	300 / 3,6	300	3,6	100
H.7268	H.7268B	300 / 4,8	300	4,8	100
H.7283	H.7283B	350 / 4,8	350	4,8	100
H.7261	H.7261B	370 / 3,6	370	3,6	100
H.7274	H.7274B	370 / 7,6	370	7,6	100
H.7271	H.7271B	430 / 4,8	430	4,8	100
H.7276	H.7276B	550 / 7,6	550	7,6	100



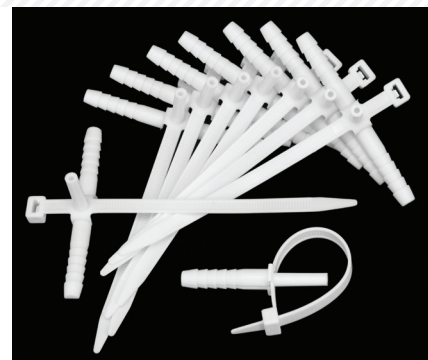
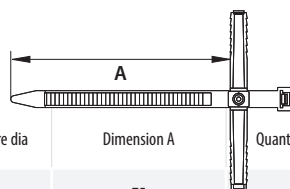
# Cable clips and ties

## Cable mounting clip, USMP and USMP-bis clip

Norm: PN-EN 61914

### Cable mounting clip

Catalogue number	Type	Assembly aperture dia	Dimension A	Quantity in package
H.7206A	UM 6	6 mm	75	25
H.7206	UM 6	6 mm	75	50
H.7203	UM 8	8 mm	75	100
H.7204A	UM 10	10 mm	130	25
H.7204	UM 10	10 mm	130	50



### USMP clip

Catalogue number	Type	Cable diameter	Drill diameter	Quantity in package
H.7311	USMP 2	2 x 2,5 mm	6 - 7 mm	100 pcs
H.7313	USMP 3	3 x 2,5 mm	6 - 7 mm	100 pcs
H.7315	USMP 4	4 x 2,5 mm	6 - 7 mm	100 pcs
H.7316	USMP 5	5 x 2,5 mm	6 - 7 mm	100 pcs



### USMP - bis clip

Catalogue number	Type	Cable diameter	Drill diameter	Quantity in package
H.7314	USMP 3 - bis	2 x 3x2,5 mm	6 - 7 mm	100 pcs



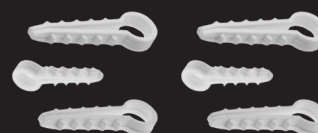
### USMP3 H

Catalogue number	Type	For flat cable	Drill diameter	Quantity in package
H.7313H	USMP3 H	YDYp 3x1,5 / 3x2,5mm <sup>2</sup>	6 - 7 mm	100 szt.



### USMO

Catalogue number	Type	Cable diameter	Drill diameter	Quantity in package
H.7309	USMO 6	6 mm	8 mm	100 pcs
H.7310	USMO 8	8 mm	10 mm	100 pcs
H.7303	USMO 10	10 mm	12 mm	100 pcs

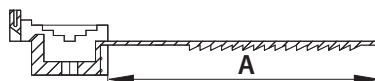




## Cable strap clip, huk, connection clip

Norm: PN-EN 61914

### Cable strap clip



Catalogue number	Type	Max. cable diameter	Dimension A	Quantity in package
H.7202A	UP-22	22 mm	65 mm	25
H.7202	UP-22	22 mm	65 mm	100
H.7207A	UP-30	30 mm	100 mm	25
H.7207	UP-30	30 mm	100 mm	100

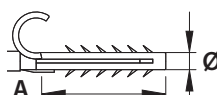


### Cable strap clip, UV resistant, black

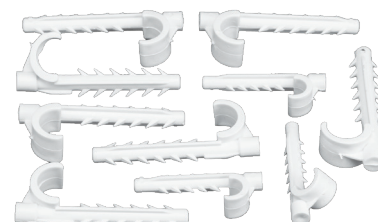
Catalogue number	Type	Max. cable diameter	Dimension A	Quantity in package
H.7202AC	UP-22	22 mm	65 mm	25
H.7202C	UP-22	22 mm	65 mm	100
H.7207AC	UP-30	30 mm	100 mm	25
H.7207C	UP-30	30 mm	100 mm	100



### Cable clip



Catalogue number	Type	Assembly aperture dia	Dimension A	Quantity in package
H.7200	fi 8	8 mm	36 mm	100
H.7201	fi 12	12 mm	48 mm	100



- » Single and double connection clips  
Use – mounting in substrates: plain concrete, cell concrete, full ceramic brick, ceramic hollow block
- » Single and double connection clips with a dowel  
Use – mounting in substrates: non-cracked concrete (compression zone), full ceramic brick, cell concrete, clinker, stone

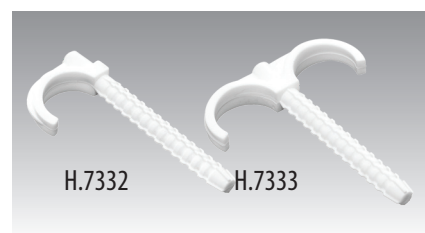
- » Single and double connection clips are durable, robust and stable mounting

#### Additional parameters of connection clips:

- The drill diameter for installation opening – 10 mm
- Material – modified high density polyethylene
- White color

### Single and double connection clips

Catalogue number	Type	Max pipe diameter	L	Quantity in package
H.7332	Single	14-25 mm	80 mm	100 pcs
H.7333	Double	14-25 mm	97 mm	100 pcs



### Single and double connection clips with a dowel

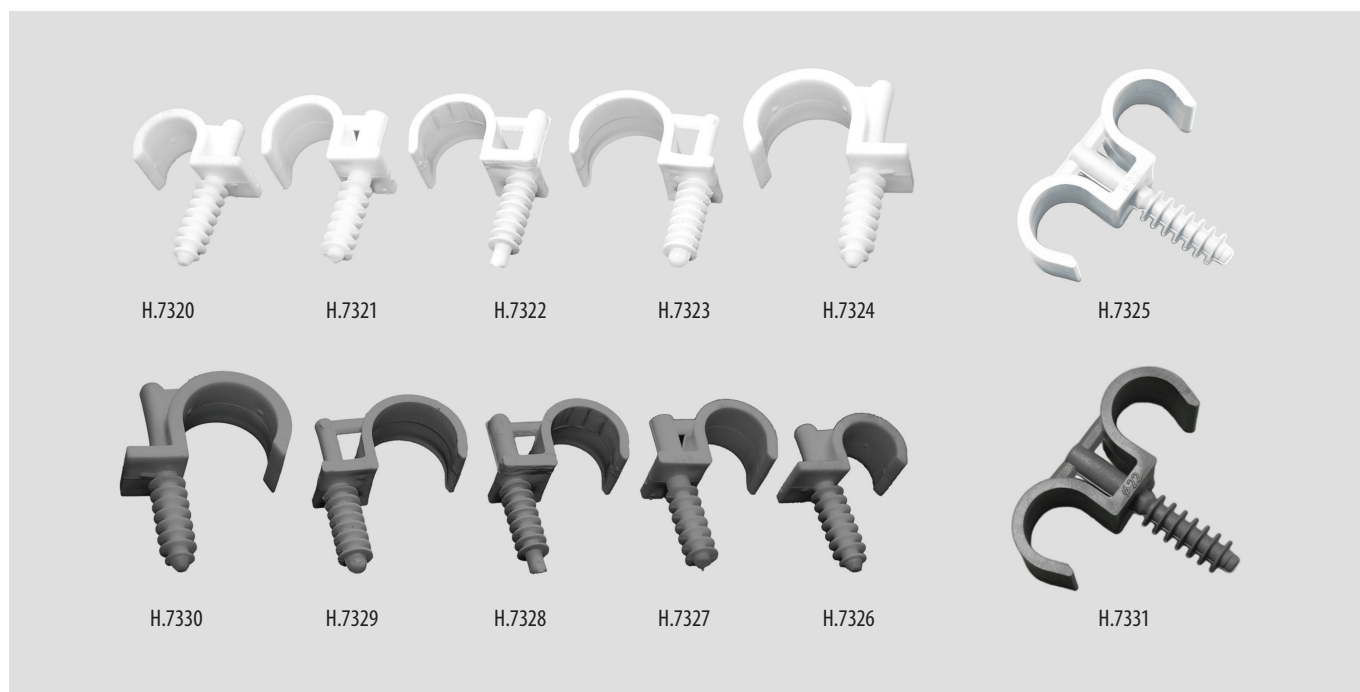
Catalogue number	Type	Max pipe diameter	L	Quantity in package
H.7334	Single with a dowel	14-25 mm	80 mm	100 pcs
H.7335	Double with a dowel	14-25 mm	80 mm	100 pcs



# Cable clips and ties

## Pipe mounting clip RING, RING BIS

Norm: PN-EN 61914



### Pipe mounting clip RING

Catalogue number	Colour	Type	Assembly aperture dia	Quantity in package
H.7320	white	RING 18	8 mm	
H.7321		RING 20		
H.7322		RING 22		
H.7323		RING 25		
H.7324		RING 28		
H.7326	grey	RING 18		
H.7327		RING 20		
H.7328		RING 22		
H.7329		RING 25		
H.7330		RING 28		

### Additional parameters of pipe mounting clips RING type

- » Material - modified high density polyethylene
- » Colour: white or grey
- » Dowel lenght: 30 mm
- » Max. lenght: depending on the size, approx. 60 mm

RING type mounting clips are used for the installation of PVC pipes, PESCHEL type and the other with a maximum thickness of 18 mm to 28 mm.

In our offer we have mounting clips for the most common used pipe diameters -  $\varnothing 18$ ,  $\varnothing 20$ ,  $\varnothing 22$ ,  $\varnothing 25$ ,  $\varnothing 28$ ,

### Pipe mounting clips RING and RING BIS type - durability and ease installation

### Pipe mounting clip RING BIS

Catalogue number	colour	Type	Assembly aperture dia	Quantity in package
H.7325	white	RING 22/2	8 mm	
H.7331	grey			

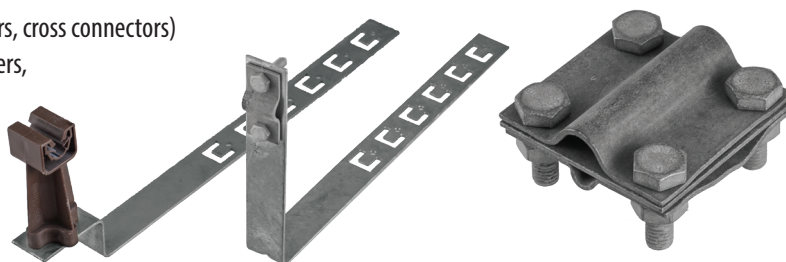
RING BIS type mounting clips are used for the installation of PVC pipes, PESCHEL type and the other with a maximum thickness of 2x22 mm

- » Material - modified high density polyethylene
- » Colour: white or grey
- » Dowel lenght: 30 mm
- » Max. lenght: depending on the size, approx. 60 mm

PAWBOL LTD. is a leader of manufacturing electrical equipment in Poland and Europe which started its activities in 1989. Since then, the company became a solid and reliable partner in business. One of the key product groups offered by PAWBOL is a lighting protection systems, which the company is a manufacturer for 20 years. The top quality of our products and service is guaranteed by ISO 9001:2008 certification. Our company has professional production base, equipped with modern machinery and the quality of steel used in the production of lightning protection is on the highest level. In addition, all our products are regularly inspected according to quality standards.

The company offers a wide range of lightning protection components divided into subgroups:

- » Connectors (through connectors, gutter connectors, cross connectors)
- » Handles (tile holders, roof holders, ridge tile holders, tensioner holders, and other)
- » Electrodes
- » Lightning masts
- » Grounding slide box
- » Lightning protection accessories



Elements of the lightning protection system offered by Pawbol is available both in hot-dip galvanized or standard galvanized version, which guarantee corrosion resistant to mechanical damage, abrasion, erosion and impact.

Hot-dip galvanizing of the lightning protection system elements, protects the steel for many years due to chemical reaction between zinc and steel and because of that does not require any maintenance.

All elements of the lightning protection system available from Pawbol comply with the requirements of the standards EN 62305-1, EN 62305-3, EN 50164-1 and EN 50164-2.

At the request of a customer, some products are available in four colors RAL - 8017, 7024, 8004, 9005. Items available in the color version: gutter connectors, angular holders, ridge tile holders, tile holders, roof holders, universal holders. Term of implementation 5 days from order date.



**RAL 8017**



**RAL 7024**



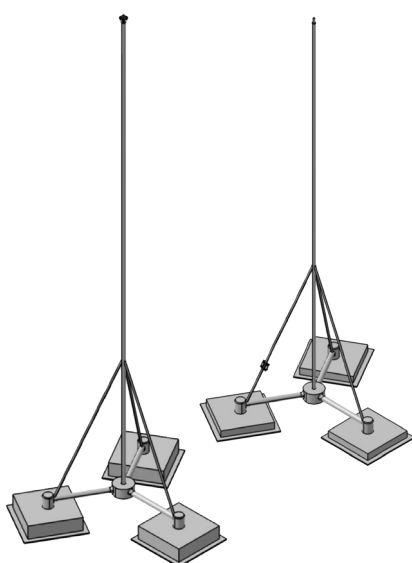
**RAL 8004**



**RAL 9005**

Pawbol company provides high quality products, that:

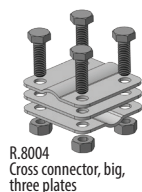
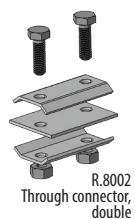
- » comply with the standard
- » are protected against corrosion through the use of hot-dip galvanizing
- » are easy to install
- » offer good value for good price



**Our products. Your safety.**

**3 years guarantee  
for products in hot-dip  
galvanized version**

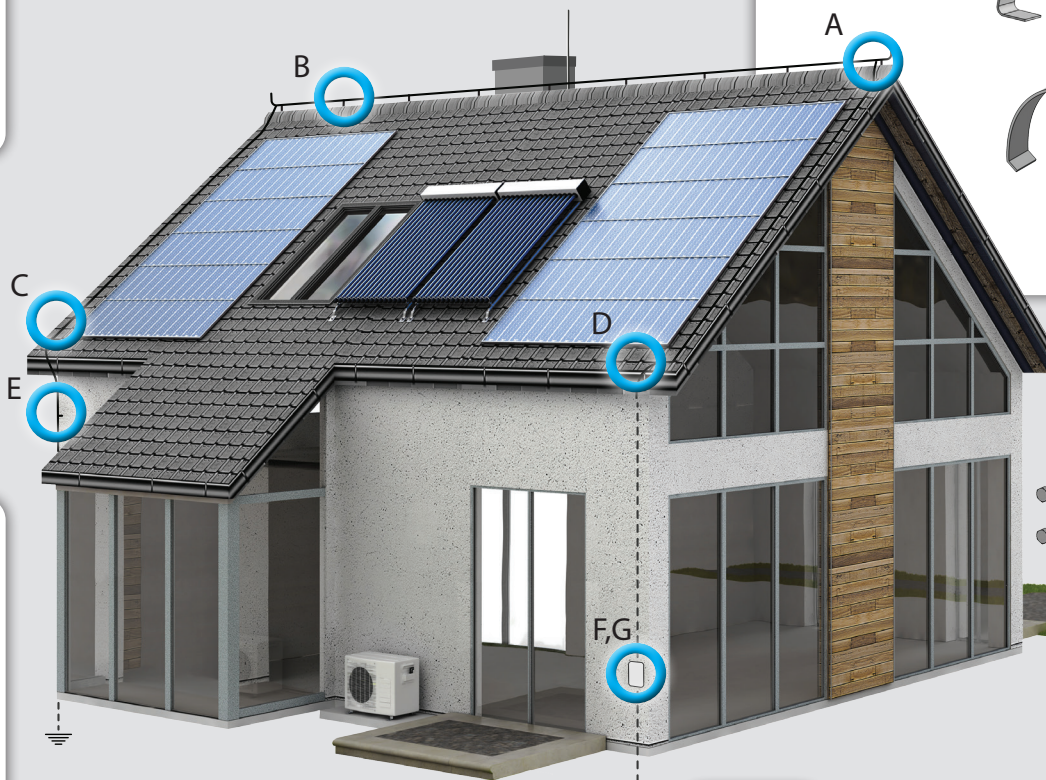
All products mentioned in this catalogue are available in hot-dip galvanized version.



A



D



R.8109  
R.8110  
Holders with dowel

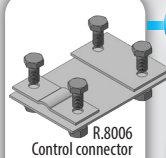
Box for grounding  
connector  
R.8145



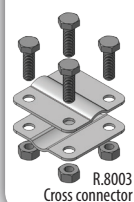
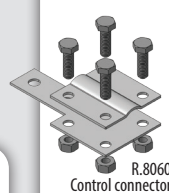
R.8170  
Control & measurement  
ground box



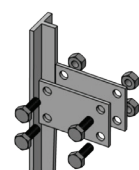
G



F



H

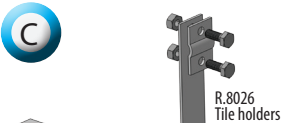


R.8136  
T-bar earthing rod,  
one metre

R.8137  
R.8138  
T-bar earthing rod,  
hammered

R.8055BG  
Threadless  
earthing rod,  
compounded

C



R.8297, R.8298  
Tile holders, adjustable

R.8085-R.8086  
Tile holders,  
twisted,  
adjustable

R.8010  
Angular  
holder,  
straight

R.8089-R.8090  
Tile holders,  
twisted

B

R.8081  
Ridge  
tile holder  
Roben

R.8078  
Ridge  
tile  
holders

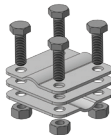
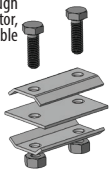
R.8065  
Roof holder,  
top

R.8242  
Ridge tile holder,  
adjustable

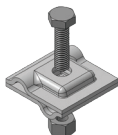
R.8074  
R.8075  
Ridge  
tile  
holders



R.8002  
Through  
connector,  
double



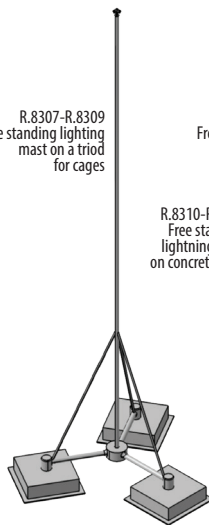
R.8004  
Cross connector, big,  
three plates



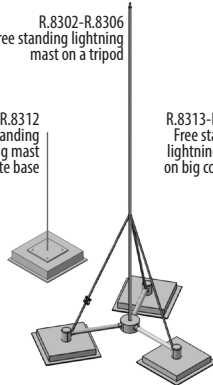
R.8050  
Through connector,  
single holed

A

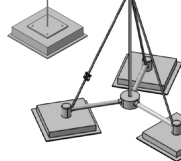
R.8307-R.8309  
Free standing lightning  
mast on a tripod  
for cages



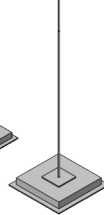
R.8302-R.8306  
Free standing lightning  
mast on a tripod



R.8310-R.8312  
Free standing lightning  
mast on concrete base

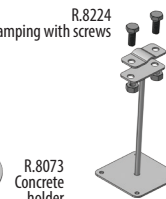
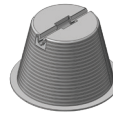


R.8313-R.8315  
Free standing lightning  
mast on big concrete  
base



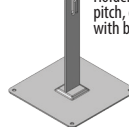
B

R.8224  
Roof holder, clamping with screws

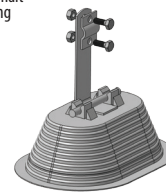


R.8073  
Concrete  
holder  
in plastic

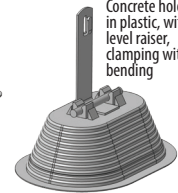
R.8064  
Holder on asphalt  
pitch, clamping  
with bending



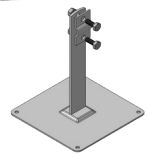
R.8071  
Concrete  
holder in plastic,  
with level raiser,  
clamping with screws



R.8070  
Concrete holder  
in plastic, with  
level raiser,  
clamping with  
bending



R.8126  
Holder on asphalt  
pitch, clamping  
with screws



C

Box for grounding  
connector  
R.8145



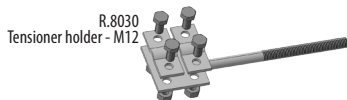
R.8170  
Control & measurement  
ground box- small



R.8145S

F

D



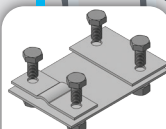
R.8030  
Tensioner holder - M12



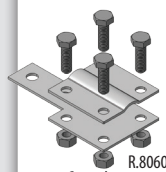
R.8091, R.8096  
Tensioner holder  
with bows



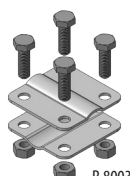
R.8098  
Tensioner holder,  
hammered, doubled



R.8006  
Control connector



R.8060  
Control connector



R.8003  
Cross connector

H



R.8109  
R.8110  
Holders with dowel

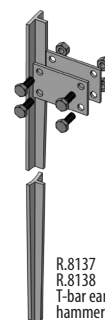
E



R.8237  
Holder for band-iron

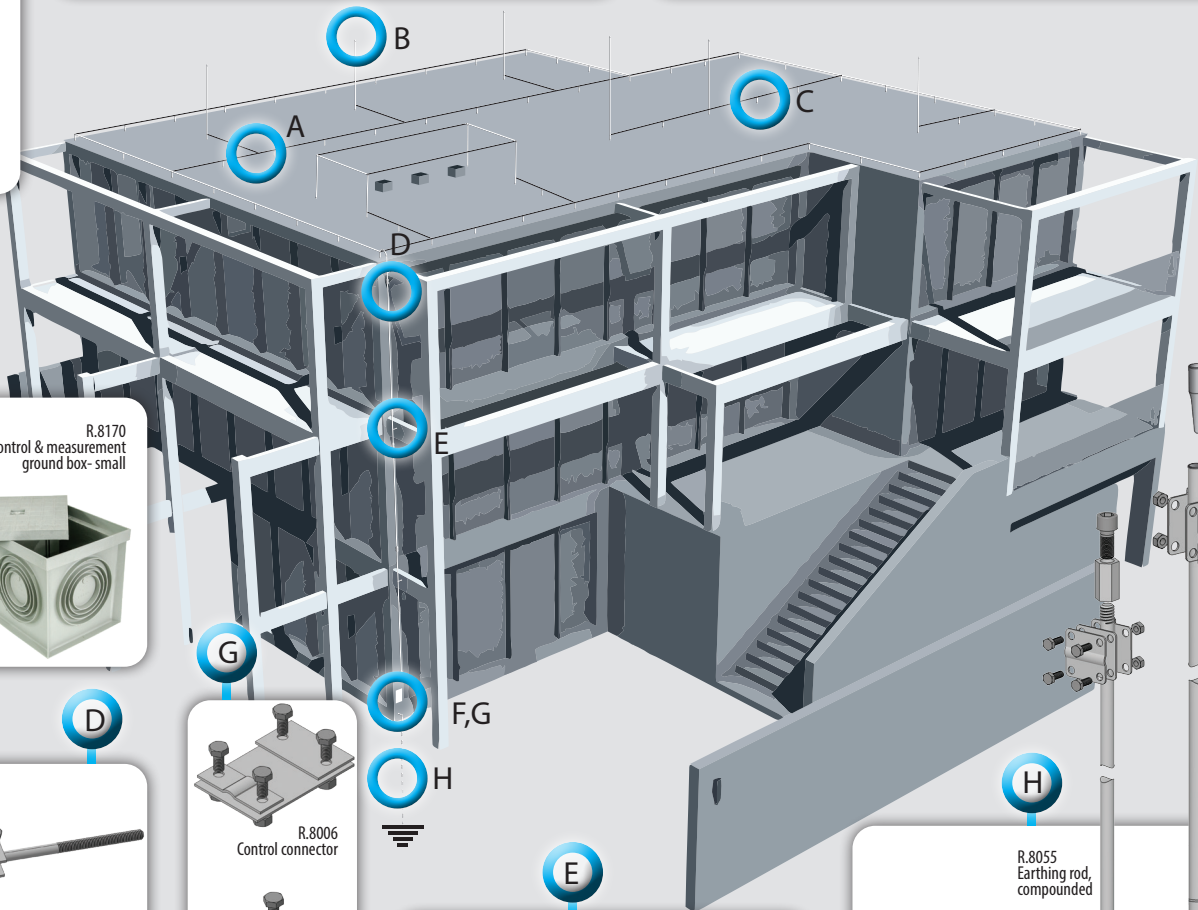
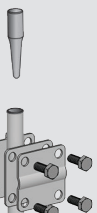
H

R.8055  
Earthing rod,  
compounded



R.8137  
R.8138  
T-bar earthing rod,  
hammered

R.8055BG  
Threadless  
earthing  
rod,  
comp-  
ounded



## Box for grounding connector

### Box for grounding connector

made from material ABS are characterized by high functionality and possibilities of adaptation for users needs. Box is designated for flush mounting of control connector for grounding installations. Box themselves are build from two main elements, joined together. Construction of the box allows the sliding, giving in results smooth adjustment of height, so adapting to different thickness of wall is possible. This advantage is especially useful in case of wall with thermal insulations. Mounting box is possible even in walls with 15 cm thick insulations. Third component is cover made from polystyrene. Closed with steel screws cover efficiently protect connector from unauthorized access, and accidental contacts with connector. Material of cover are protected against UV radiations, so that is possible to safely install it on sunny walls. Modular design of box allows quick and fast assembly, even in unusually position. Mounted box ensures very efficient protection of control connector from weather condition.

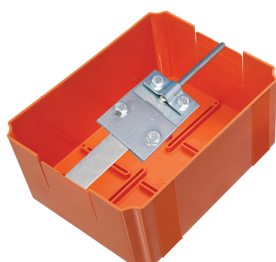


#### Advantages of box for grounding connector

- » **Cover resistant to UV radiation**
- » Efficient protection of control connector from weather condition
- » Simple installation of control connector
- » Excellent solutions for installations in walls, even 15 cm thick insulations, thanks to smooth adjustment of depth
- » Simple design for ease of assembly



Depth adjustment and protection against shifting of both parts of the lightning protection box



#### Box for grounding connector



R.8145



R.8145S



210 mm



165 mm



82-150 mm



IP20

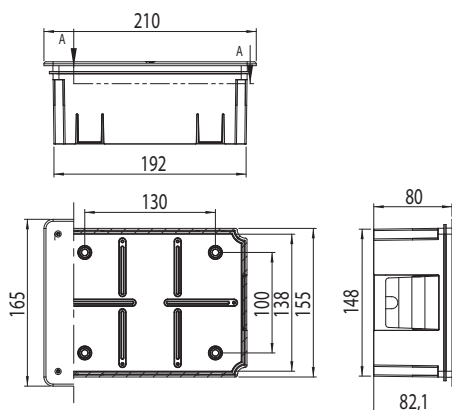


1

Remarks: R.8145S box have a grey cover

#### Depth regulation range R.8145: 82-150mm

##### Box for grounding connector - dimension R.8145



#### Box for grounding connector



R.8147



210 mm



165 mm



149-210 mm



IP20

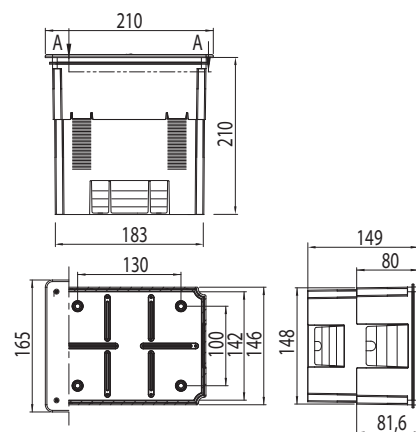


1

Remarks:

#### Depth regulation R.8147: 149-210mm

##### Box for grounding connector - dimension R.8147



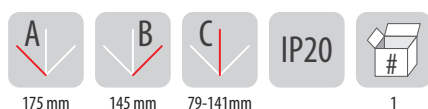
## Box for grounding connector

Box for grounding connector made from material ABS are characterized by high functionality and possibilities of adaptation for users needs. Box is designated for flush mounting of control connector for grounding installations. Box themselves are build from two main elements, joined together. Construction of the box allows the sliding, giving in results smooth adjustment of height, so adapting to different thickness of wall is possible. This advantage is especially useful in case of wall with thermal insulations. Mounting box is possible even in walls with 14,5 cm thick insulations. Third component is cover made from polystyrene. Closed with steel screws cover efficiently protect connector from unauthorized access, and accidental contacts with connector. Material of cover are protected against UV radiations, so that is possible to safely install it on sunny walls. Modular design of box allows quick and fast assembly, even in unusually position. Mounted box ensures very efficient protection of control connector from weather condition.

### Box for grounding connector



**R.8144**

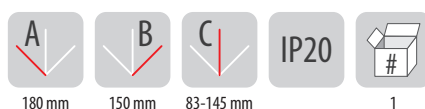


Remarks:

### Box for grounding connector with door



**R.8144D**



Remarks:

The advantages of the new solution are:

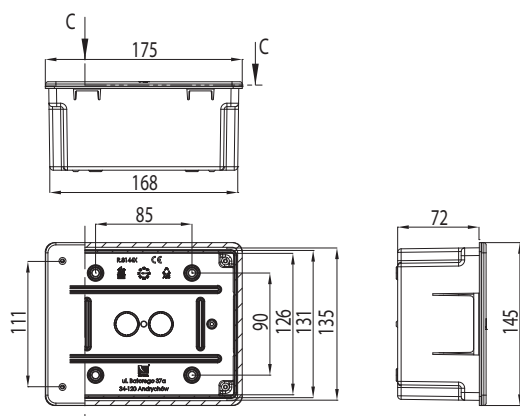
- Possibility of installing after or before thermo-modernization of the building
- Aesthetic and comfortable installation of the control connector
- Regulation of the box depth in range 83-145 mm,
- **Covers resistant to UV radiation**



The new box has a lot of new functions – not only the protection and aesthetic installation of the grounding connector! Now, you can also use it, for example, for additional protection and installation of BETA sockets. Note – the BETA socket is shown only for demonstration purposes

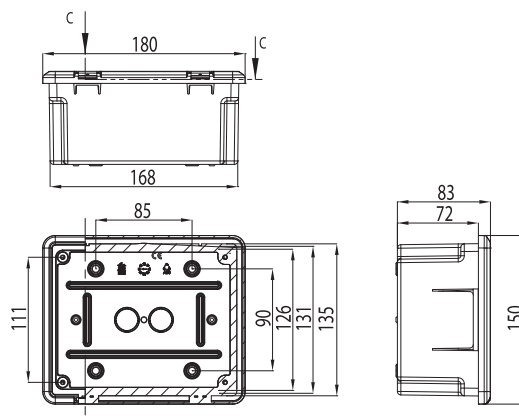
Depth regulation range R.8144: 79-141mm

Box for grounding connector - dimension R.8144



Depth regulation range R.8144D: 83-145mm

Box for grounding connector with door - dimension R.8144D



# Lightning installation

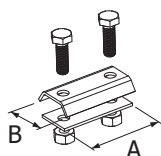
## Through connectors

**Through connectors** are used to connect lightning wire with wire. They are made from 2 mm thick, hot-dip galvanized steel plates.



R.8001

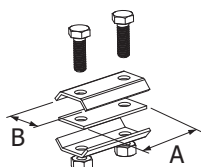
A / B = 50 / 40 mm  
For wire: Ø8, Ø10 mm



Through connector, single.  
Clamping with 2 screws M8

R.8002

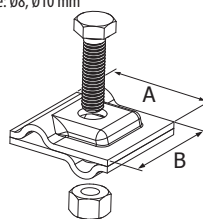
A / B = 50 / 40 mm  
For wire: Ø8, Ø10 mm



Through connector, double.  
Clamping with 2 screws M8

R.8050

A / B = 42 / 42 mm  
For wire: Ø8, Ø10 mm

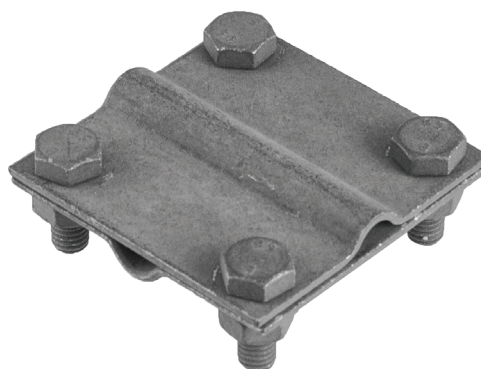


Through connector, single holed. Clamping with  
1 screw M10



## Cross connectors

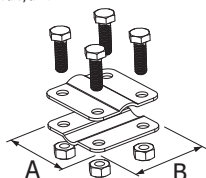
**Cross connectors** are used to connect wire with wire, wire with band-iron or band-iron with band-iron. They are made in few different versions, from 2 mm thick, hot-dip galvanized steel plates. For connections are used four M8 (M10) screw.



R.8003

A / B = 65 / 65 mm

Distance between screws: 42 mm  
For wire: Ø8, Ø10 mm

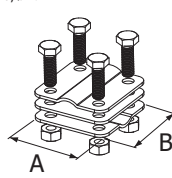


Cross connector, big,  
two plates, 4 x M8

R.8004

A / B = 65 / 65 mm

Distance between screws: 42 mm  
For wire: Ø8, Ø10 mm

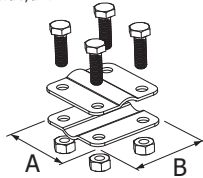


Cross connector, big,  
three plates, 4 x M8

R.8052

A / B = 55 / 55 mm

Distance between screws: 30 mm  
For wire: Ø8, Ø10 mm

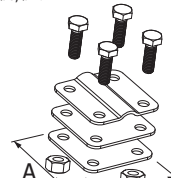


Cross connector, small,  
two plates, 4 x M8

R.8295

A / B = 55 / 55 mm

Distance between screws: 30 mm  
For wire: Ø8, Ø10 mm

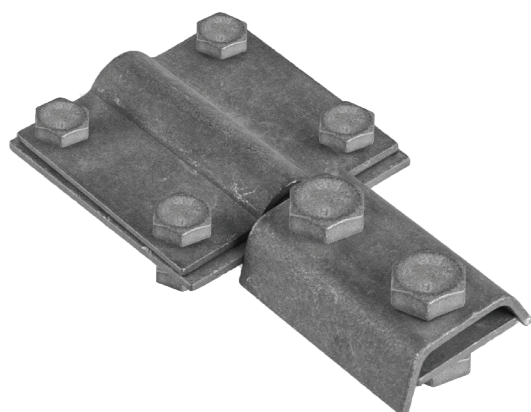
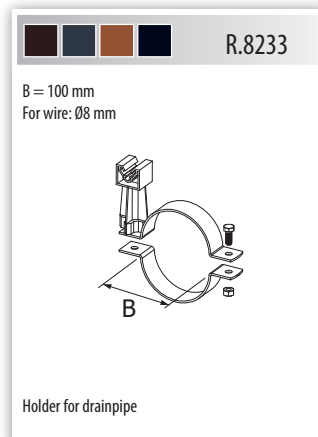
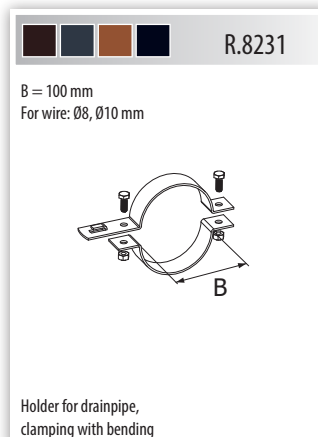
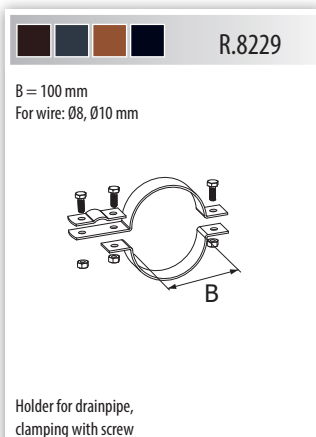
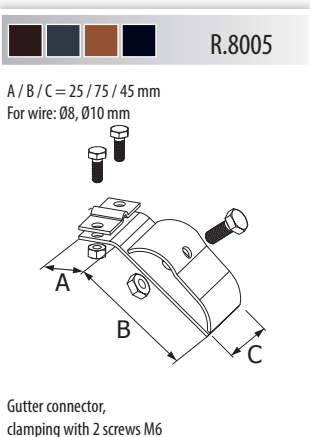
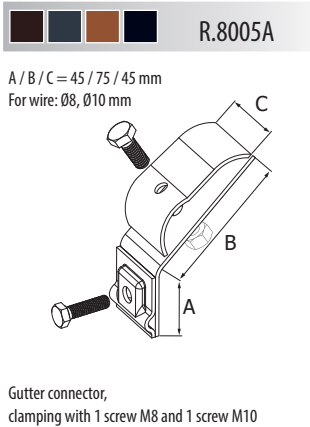


Cross connector, universal,  
three plates, 4xM8



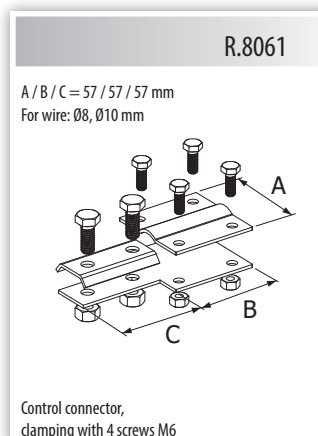
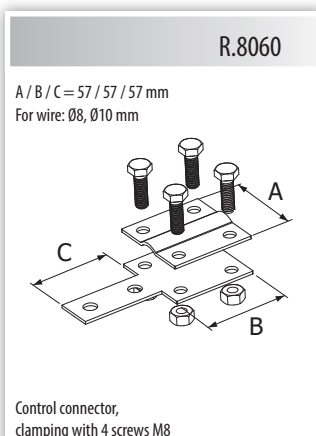
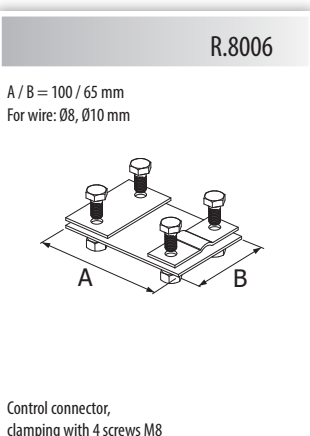
## Gutter connectors

**Gutter connectors** are used to connect gutters with lightning wire. They are made from 2 mm thick, hot-dip galvanized, steel plates.



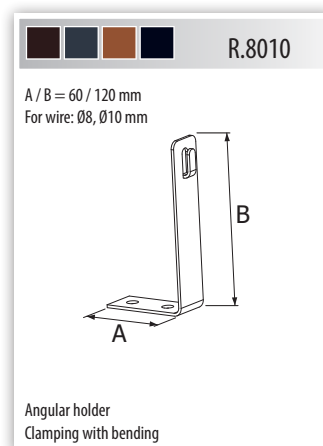
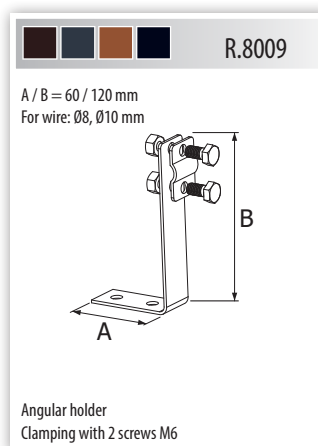
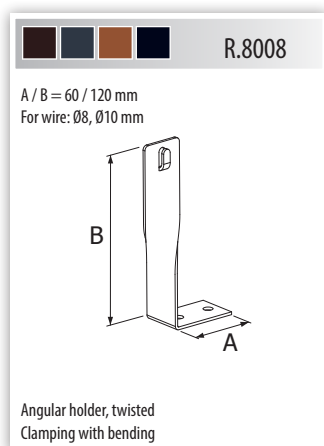
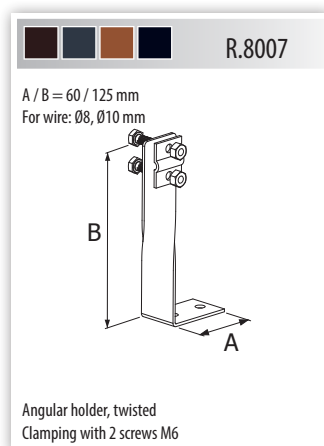
## Control connectors

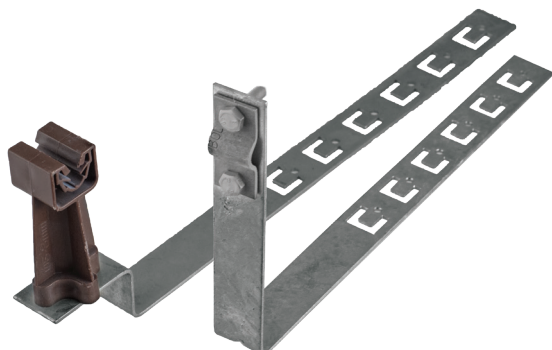
**Control connectors** are used to quick and efficient measure resistivity of groundings, in purpose to check proper functioning of the system. Connectors are made from 2 mm thick, hot-dip galvanized, steel plates. For connections are used M8 and M6 screws.



## Angular holders

**Angular holders** are used for leading lightning wire above protected area. They are made from 2 mm thick, hot-dip galvanized steel plates. The lightning wire are mounting to holder with bending, or with screws.





## Tile holders

**Tile holders** are used for mounting lightning wire on roofs covered with tiles. They are made from 2 mm thick, hot-dip galvanized steel plates. Holders are nailed to patch, or attach with catch.

A = 160 mm	R.8018
A = 280 mm	R.8019
A = 400 mm	R.8020

B = 120 mm  
For wire: Ø8, Ø10 mm

Tile holder, clamping with bending

A = 400 mm	R.8026
------------	--------

B = 120 mm  
For wire: Ø8, Ø10 mm

Tile holder, clamping with 2 x M6 screw

A = 160 mm	R.8021
A = 400 mm	R.8023

B = 120 mm  
For wire: Ø8, Ø10 mm

Tile holder, twisted, clamping with bending

A = 160 mm	R.8027
A = 280 mm	R.8028
A = 400 mm	R.8029

B = 120 mm  
For wire: Ø8, Ø10 mm

Tile holder, twisted, clamping with 2 x M6 screws

R.8083
--------

A / B = 280 / 135 mm  
For wire: Ø8, Ø10 mm

Tile holder, adjustable, clamping with bending

R.8084
--------

A / B = 420 / 135 mm  
For wire: Ø8, Ø10 mm

Tile holder, adjustable, clamping with bending

R.8088
--------

A / B = 420 / 135 mm  
For wire: Ø8, Ø10 mm

Tile holder, adjustable, clamping with 2 screws M6

R.8085
--------

A / B = 280 / 135 mm  
For wire: Ø8, Ø10 mm

Tile holder, adjustable, twisted, clamping with bending

R.8086
--------

A / B = 420 / 135 mm  
For wire: Ø8, Ø10 mm

Tile holder, adjustable, twisted, clamping with bending

R.8089
--------

A / B = 280 / 135 mm  
For wire: Ø8, Ø10 mm

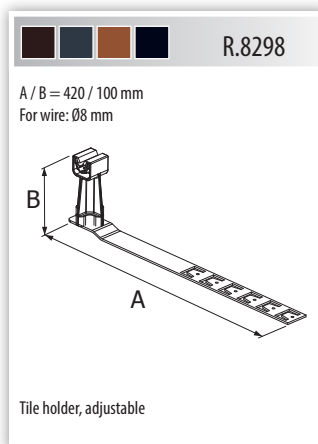
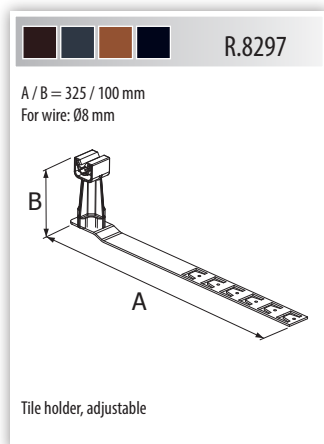
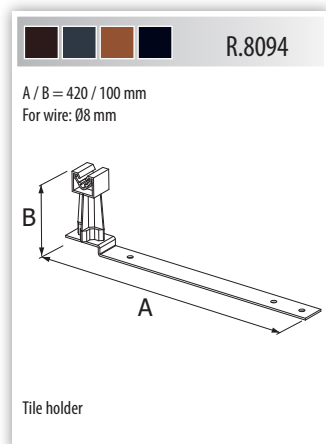
Tile holder, adjustable, twisted, clamping with 2 screws M6

R.8090
--------

A / B = 420 / 135 mm  
For wire: Ø8, Ø10 mm

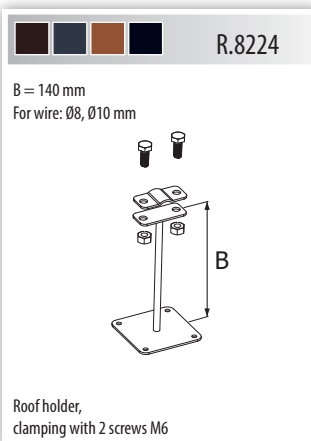
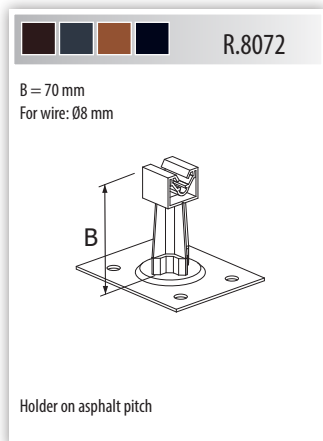
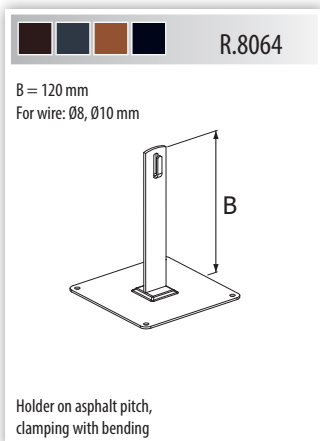
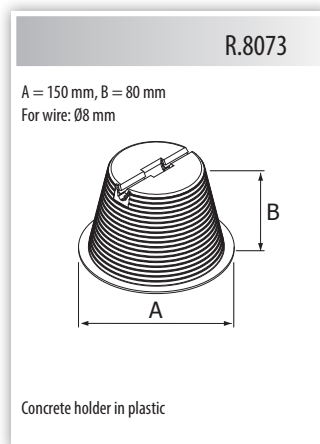
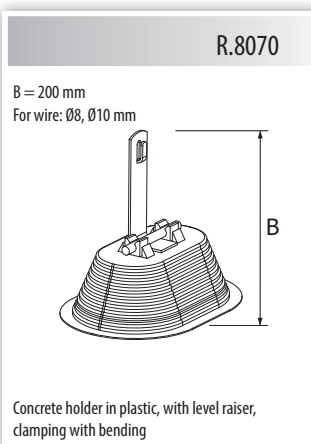
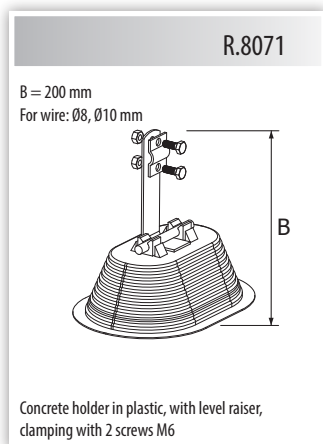
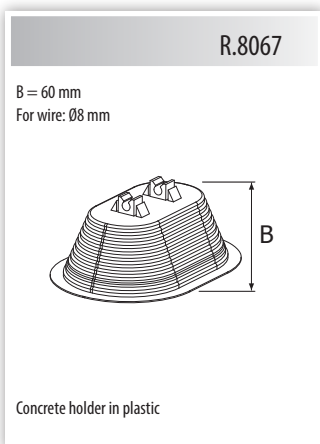
Tile holder, adjustable, twisted, clamping with 2 screws M6

# Lightning installation



## Roof holders

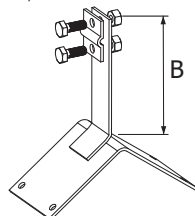
**Roof holders** are used for leading lightning wire on flat or sloping roofs. They are made from plastic and 2 mm thick, hot-dip galvanized steel plates. Wire is mounting in holder by screws or clamping, and in plastic holder by pressing wire into the groove.





■ ■ ■ ■ R.8065

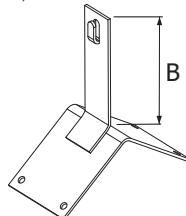
B = 110 mm  
For wire: Ø8, Ø10 mm



Roof holder, top,  
clamping with 2 screws M6

■ ■ ■ ■ R.8066

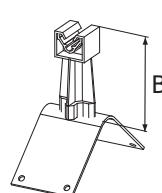
B = 110 mm  
For wire: Ø8, Ø10 mm



Roof holder, top,  
clamping with bending

■ ■ ■ ■ R.8236

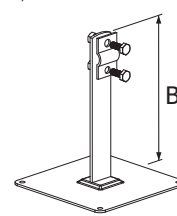
B = 70 mm  
For wire: Ø8 mm



Roof holder, top

■ ■ ■ ■ R.8126

B = 120 mm  
For wire: Ø8, Ø10 mm



Holder on asphalt pitch,  
clamping with 2 screws M6

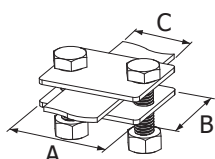


## Universal holders

**Universal holders** are used for leading lightning wire and band iron on different sizes. They are made from 2 mm thick, hot-dip galvanized steel plates. Those elements are mounting on walls by hammering, or screwing using expansion bolts.

R.8015

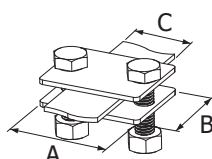
A / B / C = 55 / 35 / 25 mm



Holders for connecting band-iron  
Clamping with 2 screws M8

R.8016

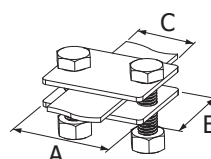
A / B / C = 65 / 35 / 35 mm



Holders for connecting band-iron  
Clamping with 2 screws M8

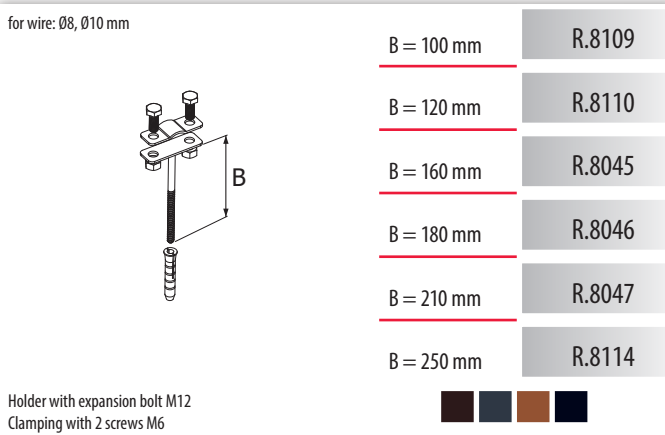
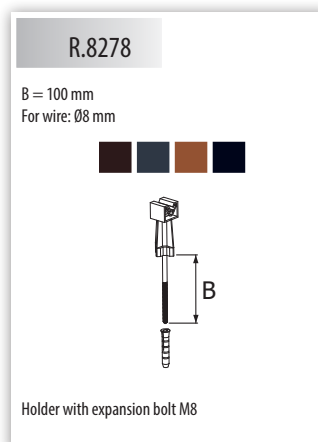
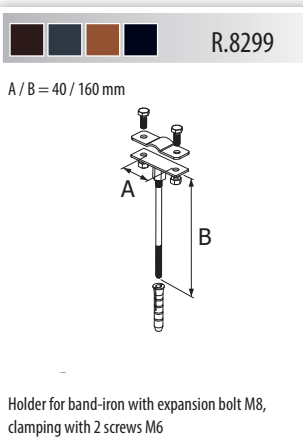
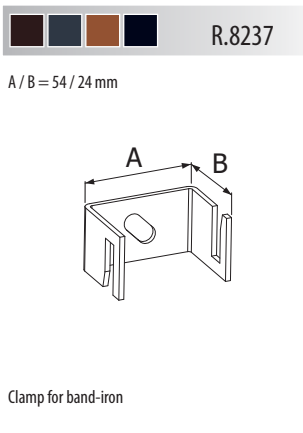
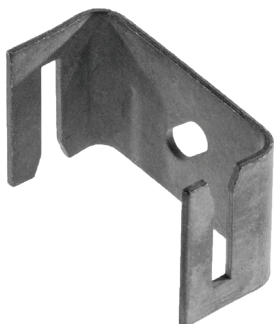
R.8017

A / B / C = 80 / 55 / 40 mm



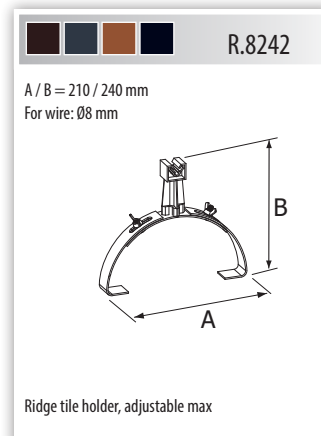
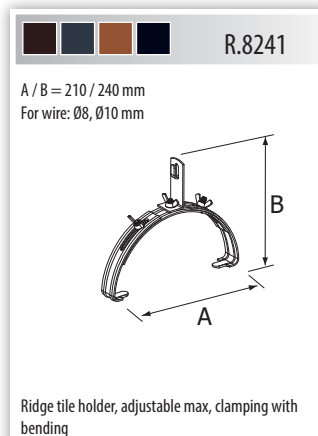
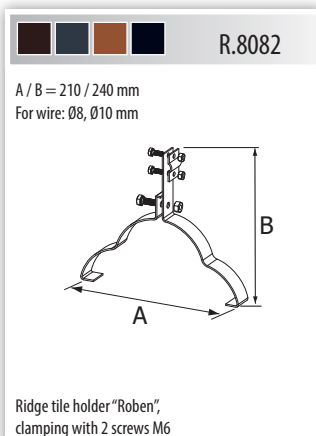
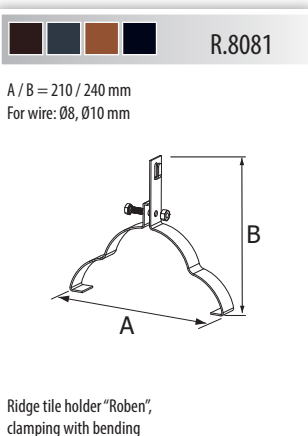
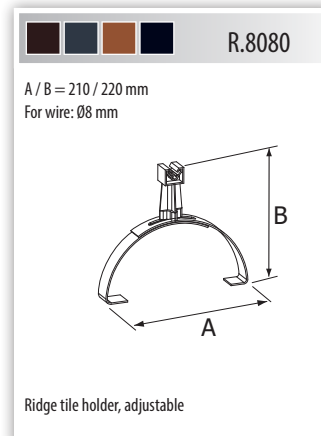
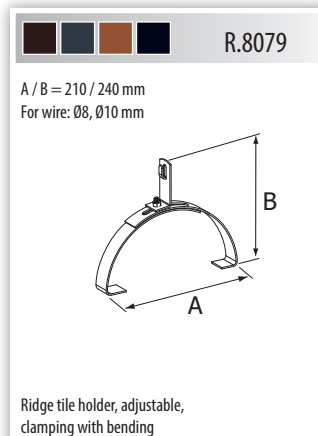
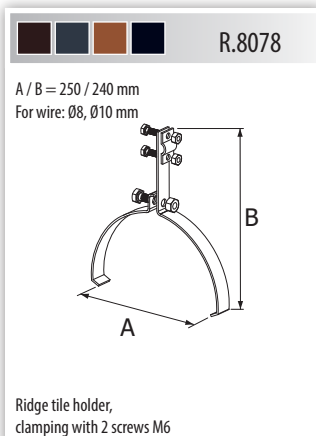
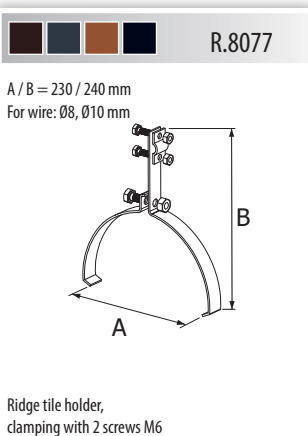
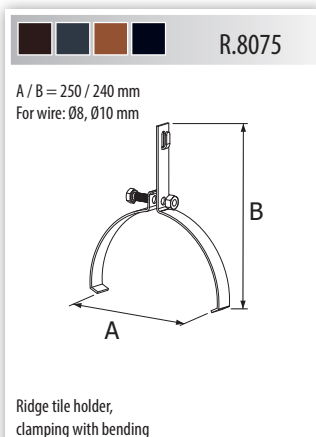
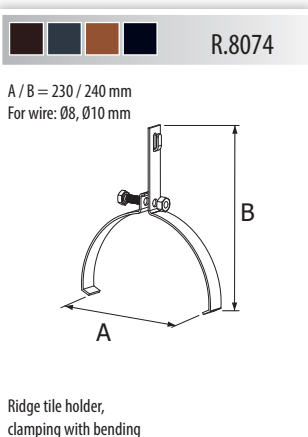
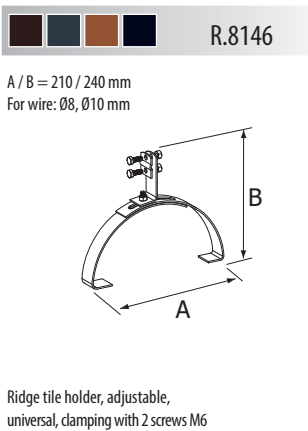
Holders for connecting band-iron

# Lightning installation



## Ridge tile holders

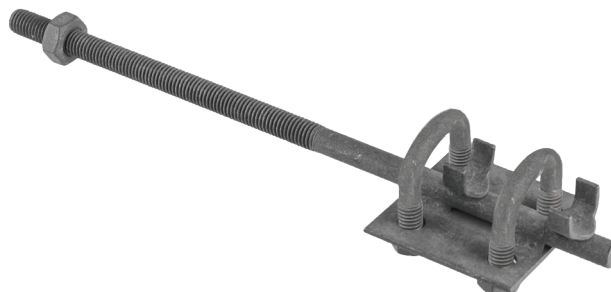
**Ridge tile holders** are used for leading lightning wire along tops of roofs covered with tiles. They are made from 2 mm thick, hot dip galvanized steel plates. The lightning wire are mounting to holder with bending, or with screws.



# Lightning installation

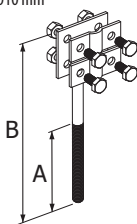
## Tensioner holders

**Tensioner holders** are used for making tensions of lightning wires. They are made from 2 mm thick plates, and cold forged steel.



R.8030

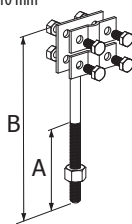
A / B = 170 / 220 mm  
for wire: Ø8, Ø10 mm



Tensioner holder – M12  
Clamping with 4 screws M8

R.8095

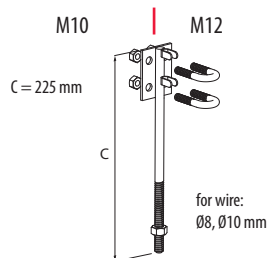
A / B = 170 / 220 mm  
for wire: Ø8, Ø10 mm



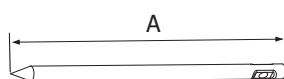
Tensioner holder with M12 nut  
Clamping with 4 screws M8

R.8096

R.8091



Tensioner holder with bows  
Clamping with 4 screws M8



A = 300 mm

R.8099

A = 350 mm

R.8100

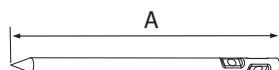
A = 400 mm

R.8101

Tensioner holder, hammered, forged, smooth

R.8098

A = 400 mm



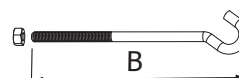
Tensioner holder, hammered, forged, smooth,  
doubled

B = 200 mm

R.8265

B = 500 mm

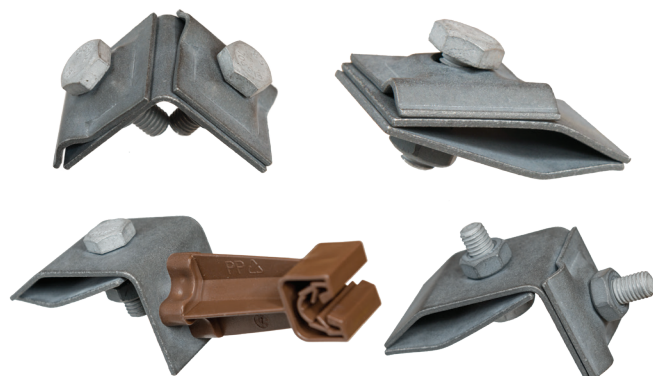
R.8266



Tensioner holder with hook Ø10

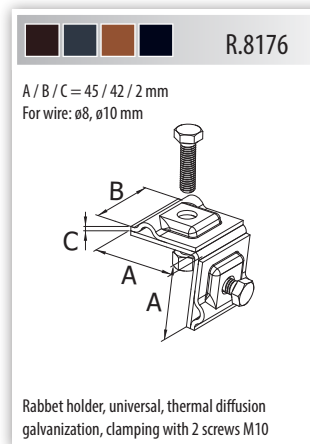
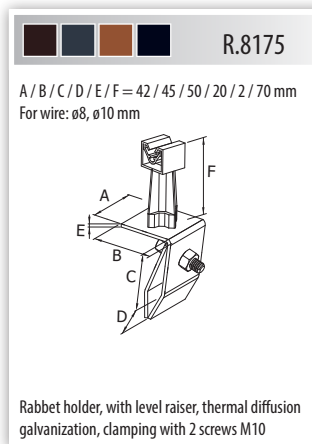
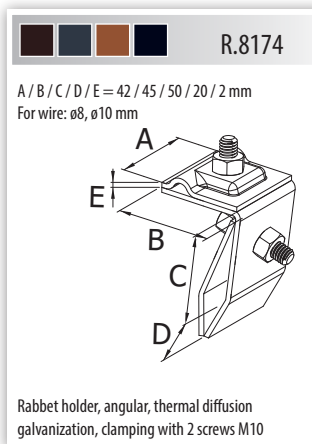
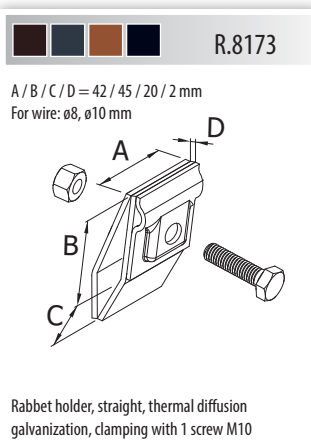






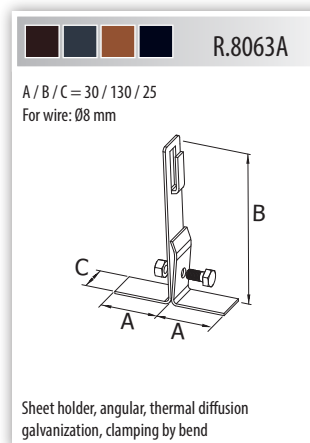
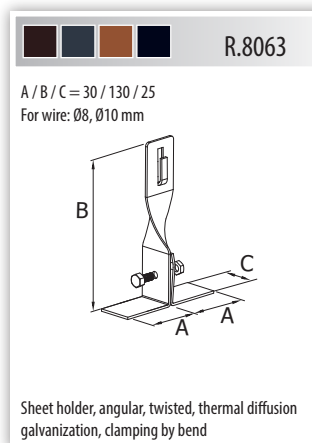
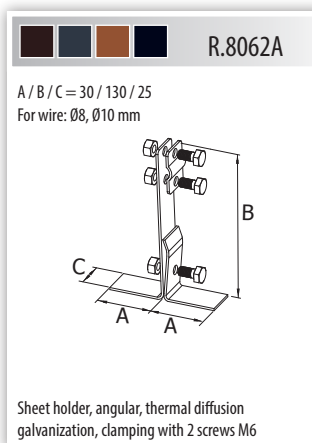
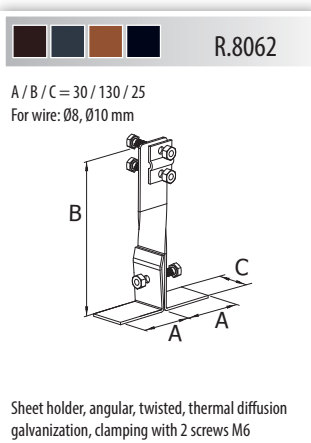
## Rabbet holders

**Rabbet holders** are used to lead the ground wire  $\varnothing 8$  or  $\varnothing 10$  along the gutters, fittings and roof drains. Suitable holders are used depending on the way of grounding the wire relative to the attachment point.



## Sheet holders

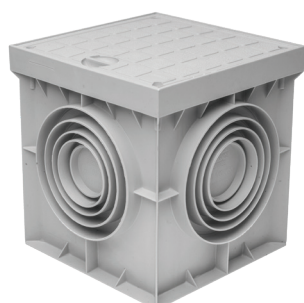
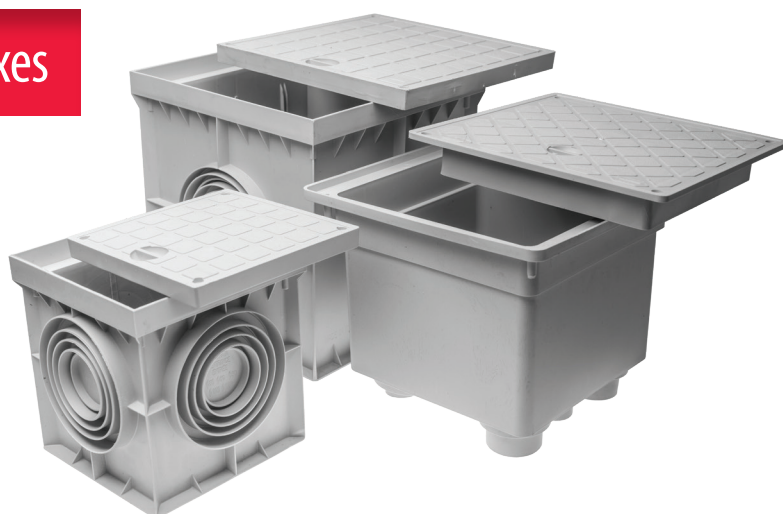
**Sheet holders** are used to lead the ground wire  $\varnothing 8$  or  $\varnothing 10$  on roofs covered with sheet. Suitable holders are used depending on the way of grounding the wire relative to the attachment point.



## Control & measurement ground boxes

### Control & measurement ground boxes

Control & measurement ground boxes enables to inspect connections between earthing rod and grounding wire, and also performing measurement of grounding resistance. Boxes are for seating on hardened surfaces.



R.8170



R.8171



R.8172

Catalogue no.	IP	Control & measurement ground box Type	Dimensions [mm]	Material	Permissible pressure on the cover [kN/kg]	Input Ø [mm]	Output Ø [mm]	Cover fixing
R.8170	IP44	Small	195/195/203	reinforced PP (polypropylene)	2,1 / 210	50 - 60 - 80 100 - 125	50 - 60 - 80 100 - 125	Snap-on
R.8171	IP55	Sealed	283/283/235		2,1 / 210	63 - 50 (2x) 40 - 32	75 - 25, 90 - 32	4 screws M6
R.8172	IP44	Big	290/290/297		7,39 / 739	60 - 80 - 90 - 110 125 - 140	60 - 80 - 100 110 - 125 - 140	Snap-on

Norm: PN-EN 124:2000 i PN-EN 62305-1/3

All products mentioned in this section (R) are available in hot-dip galvanized version



## Band-iron and wire, hot-dip galvanized

Band-iron and wire, hot-dip galvanized

Package: 25 or 50 kg.

### Band-iron and wire, hot-dip galvanized

R.8143-25 - Lightning wire, galvanized (~25kg) fi -8 hot-dip galvanized (1kg ~2,597m)

R.8143-50 - Lightning wire, galvanized (~50kg) fi -8 hot-dip galvanized (1kg ~2,597m)

R.8144-50 - Lightning wire, galvanized (~50kg) fi -10 hot-dip galvanized (1kg ~1,621m)

R.8139-25 - Band-iron, galvanized 25x4mm (~25kg), hot-dip galvanized (1kg ~1,274m)

R.8139-50 - Band-iron, galvanized 25x4mm (~50kg), hot-dip galvanized (1kg ~1,274m)

R.8141-25 - Band-iron, galvanized 30x4mm (~25kg), hot-dip galvanized (1kg ~1,061m)

R.8141-50 - Band-iron, galvanized 30x4mm (~50kg), hot-dip galvanized (1kg ~1,061m)

R.8192-50 - Band-iron, galvanized 50x4mm (~50kg), hot-dip galvanized (1kg ~0,625m)



R.8143-25 Ø8 mm / 25 kg

R.8143-50 Ø8 mm / 50 kg

R.8144-50 Ø10 mm / 50 kg

R.8143-20AL Ø8 mm / 20 kg



Lightning wire, galvanized



Band-iron, galvanized

25 kg

50 kg

25 x 4 mm

R.8139-25

R.8139-50

30 x 4 mm

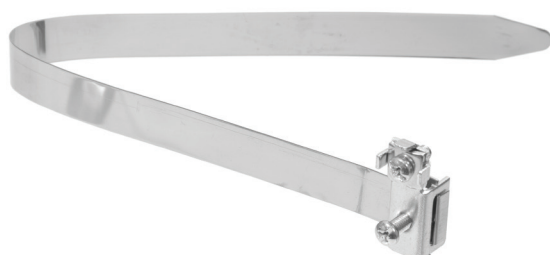
R.8141-25

R.8141-50

50 x 4 mm

R.8192-50

R.8192-50



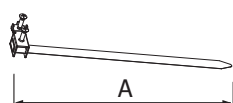
## Grounding bands

**Grounding bands** Main function is making equipotential bonding which guarantees proper work of lightning protection. Material: stainless steel

width x depth: 20 x 0,3 mm

R.8183

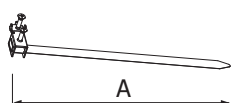
A = 601 mm



Grounding band 1/8-6"

R.8182

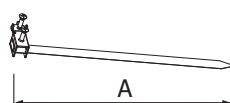
A = 426 mm



Grounding band 1/8-4"

R.8181

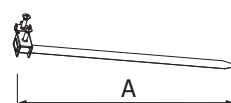
A = 207 mm



Grounding band 1/8-3/2"

R.8180

A = 135 mm

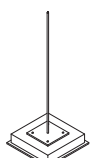


Grounding band 1/8-3/8"

# Lightning installation

## Free standing lightning mast

### Free standing lightning mast



#### R.8310

Free standing lightning mast  
Height of mast: 1 [m]  
Diameter of spire: Ø10  
Weight of base: 15 [kg]  
Concrete base: 350x350x50 [mm]

#### R.8311

Free standing lightning mast  
Height of mast: 1.5 [m]  
Diameter of spire: Ø12  
Weight of base: 15 [kg]  
Concrete base: 350x350x50 [mm]

#### R.8312

Free standing lightning mast  
Height of mast: 2 [m]  
Diameter of spire: Ø12  
Weight of base: 15 [kg]  
Concrete base: 350x350x50 [mm]

### R.8302

Free standing lightning mast on a tripod  
Height of mast: 4 [m]  
Diameter of spire: Ø33,7/ Ø12  
Weight of base: 3x40 [kg]  
Concrete base: 500x500x70 [mm]

### R.8303

Free standing lightning mast on a tripod  
Height of mast: 5 [m]  
Diameter of spire: Ø33,7/ Ø18/ Ø10  
Weight of base: 3x40 [kg]  
Concrete base: 500x500x70 [mm]

### R.8304

Free standing lightning mast on a tripod  
Height of mast: 6 [m]  
Diameter of spire: Ø33,7/ Ø18/ Ø12  
Weight of base: 3x40 [kg]  
Concrete base: 500x500x70 [mm]

### R.8305

Free standing lightning mast on a tripod  
Height of mast: 7 [m]  
Diameter of spire: Ø33,7/ Ø18/ Ø10  
Weight of base: 6x40 [kg]  
Concrete base: 2x500x500x70 [mm]

### R.8306

Free standing lightning mast on a tripod  
Height of mast: 8 [m]  
Diameter of spire: Ø42,4/ Ø33,7/ Ø18/ Ø12  
Weight of base: 6x40 [kg]  
Concrete base: 2x500x500x70 [mm]

### Free standing lightning mast on a tripod

Lightning mast on concrete base are used in places, where creating safe zone are necessary, on roofs and squares. Depending on protecting object are used mast on single base, or on tripod. They are made from hot dip galvanized bars and pipes



### Free standing lightning mast



#### R.8313

Free standing lightning mast  
Height of mast: 2 [m]  
Diameter of spire: Ø16  
Weight of base: 40 [kg]  
Concrete base: 500x500x70 [mm]

#### R.8314

Free standing lightning mast  
Height of mast: 3 [m]  
Diameter of spire: Ø18/ Ø10  
Weight of base: 40 [kg]  
Concrete base: 500x500x70 [mm]

#### R.8315

Free standing lightning mast  
Height of mast: 4 [m]  
Diameter of spire: Ø18/ Ø12  
Weight of base: 40 [kg]  
Concrete base: 500x500x70 [mm]

### Free standing lightning mast on a tripod for protective cages

#### R.8307

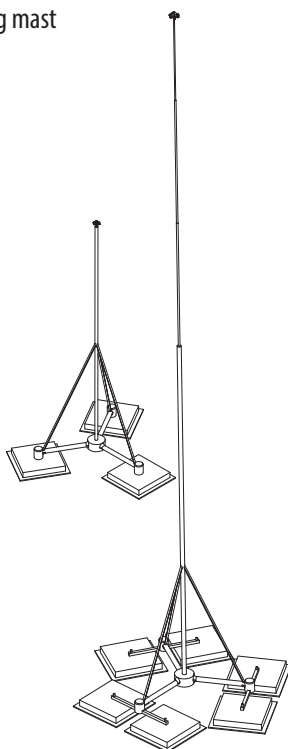
Free standing lightning mast on a tripod for protective cages  
Height of mast: 3 [m]  
Diameter of spire: Ø33,7  
Weight of base: 3x40 [kg]  
Concrete base: 500x500x70 [mm]  
Max wire length: 4 m

#### R.8308

Free standing lightning mast on a tripod for protective cages  
Height of mast: 4 [m]  
Diameter of spire: Ø33,7  
Weight of base: 3x40 [kg]  
Concrete base: 500x500x70 [mm]  
Max wire length: 5 m

#### R.8309

Free standing lightning mast on a tripod for protective cages  
Height of mast: 5 [m]  
Diameter of spire: Ø42,4  
Weight of base: 6x40 [kg]  
Concrete base: 2x500x500x70 [mm]  
Max wire length: 6 m



## Chimney spires

### NEW

#### Chimney spires

Norm: PN-EN 50164-2  
Mounting: expansion bolt M12  
For wire: Ø8 i Ø10  
Quantity in package: 1  
Material: galvanized steel

#### R.8166 Chimney spires

Height H=1 m, Ø10, B=180 mm

#### R.8167 Chimney spires

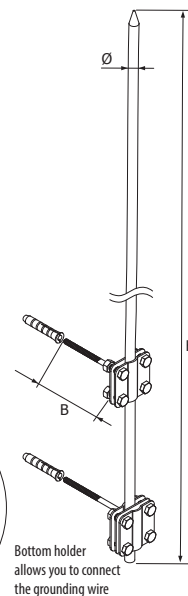
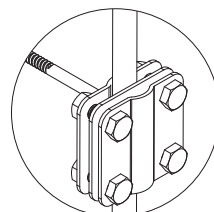
Height H=1,5 m, Ø10, B=180 mm

#### R.8168 Chimney spires

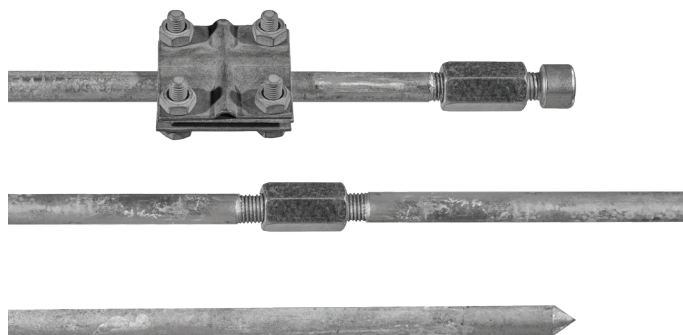
Height H=2 m, Ø12, B=180 mm

#### R.8169 Chimney spires

Height H=2,5 m, Ø12, B=180 mm

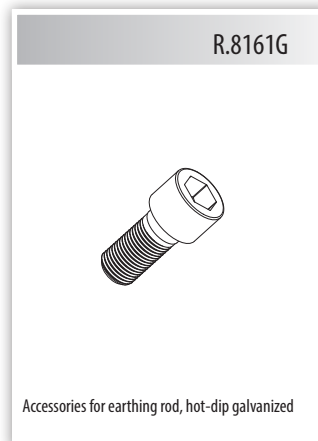
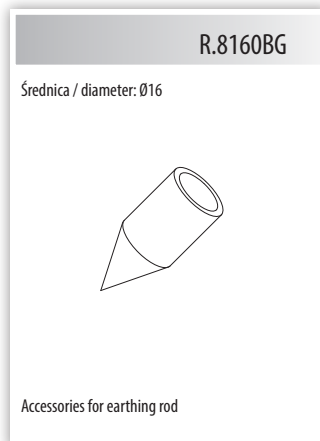
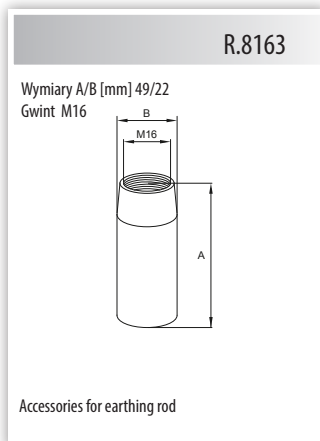
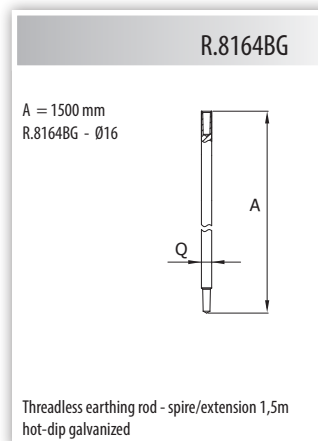
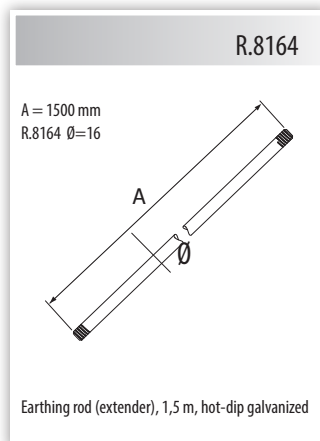
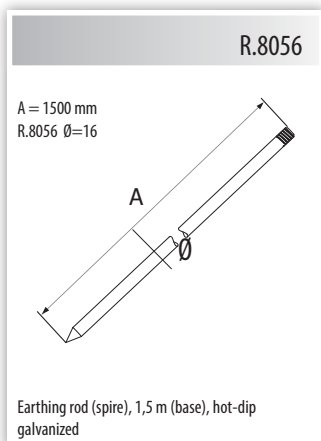
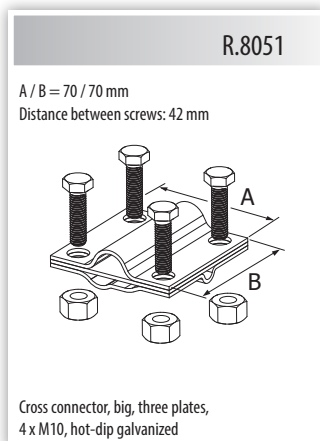
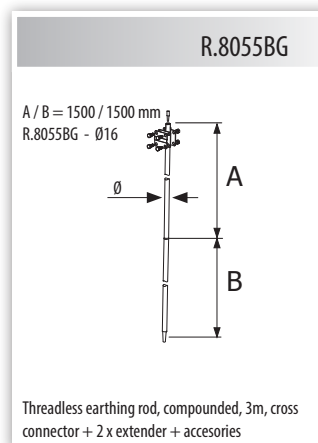
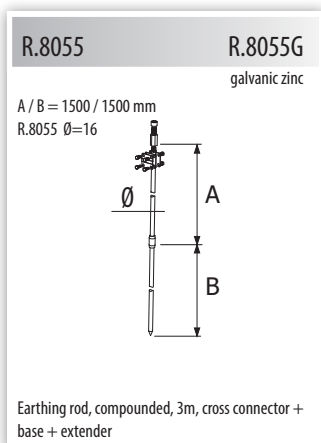
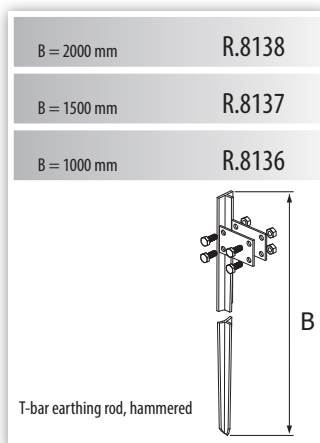






## Earthing rods

**Earthing rods** – main part of grounding, partially buried into the ground. They are made from hot-dip galvanized steel bars. For connections between elements of lightning installation and earthing rods are used cross connector.





Diameter



Diameter



Cable reel diameter



Diameter

Dimensions  
[mm]

Width



Length



Height



Distance between holes

Voltage  
[V]Current  
[A]Power  
[W]

Current / voltage



Quantity in package

Flammability (glow wire test)  
650°C

850°C

Cable gland inside  
Rubber cable gland

PG cable gland

1 phase socket type  
with grounding

without grounding

1 phase plug type  
with grounding

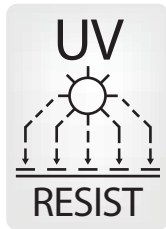
without grounding



Diameter



Lampshade inner diameter



UV Resist



Hit protection



Quantity of contacts



Possibility of connecting lines



Mean time without power supply



Wire length



Fuse quantity



Lamp holder



Quantity and wire cross-section



Wire cross-section



Adapted to assemble on TH35 rail



Infrared motion sensor inside



Radar motion sensor inside



Thermoswitch inside



3 phase socket type



3 phase plug type

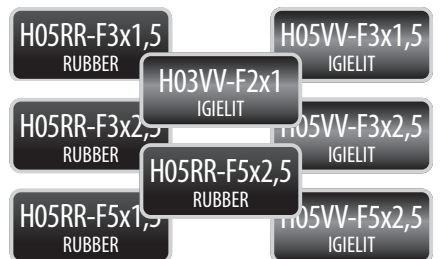
## Voltage pictograms



## Pictograms IP - ingress protection



## Pictograms - wire type



## Pictograms - main colours of product



## Pictograms - type of material



Kind of material: Steel