

PRODUCTS CREATED WITH PASSION

Since 1989, Pawbol S.A. has been a leading manufacturer of electrical equipment in Poland and Europe. From its founding, the company has consistently been regarded as a solid and trustworthy business partner, embodying reliability and trust for many.

Many years of experience and flexibility in operation have become a guarantee of the highest quality products and customer satisfaction. Pawbol S.A. cooperates with proven and respected Trade Partners both in Poland and abroad, successively expanding its portfolio with new products, in line with the latest market trends.



BEST QUALITY

At Pawbol S.A. there is a Quality Management System compliant with the requirements of the PN-EN ISO 9001:2015 standard, which is certified by ZETOM Katowice.

The ISO system was implemented in 2002, contributing to a continuous improvement in service and production quality while enhancing customers satisfaction level.

The obtained certificate covers the production and distribution process of electrical installation products. A positive assessment of the implemented System is confirmed by a quality certificate.



DELIVERIES
ON TIME



MODERN
MACHINE EQUIPMENT



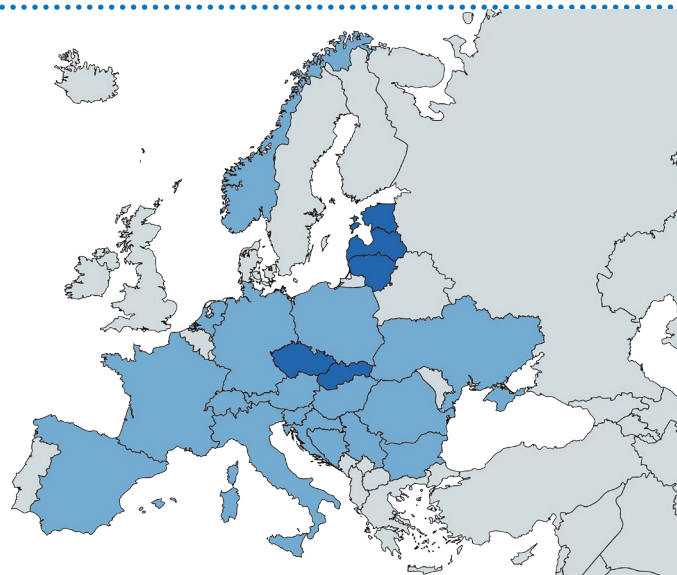
EXPERIENCED
MANAGEMENT

RELIABLE SUPPLIER

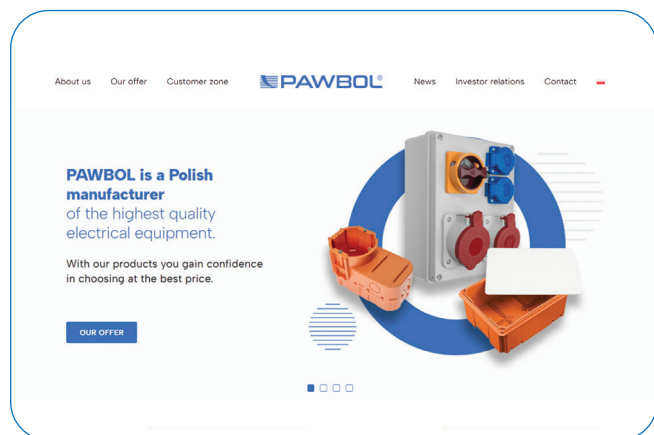
PAWBOL S.A. cooperate with Business Partners across the country and Europe. With experienced staff, its own logistic fleet and collaboration with trusted shipping companies, deliveries are carried out efficiently and in a short time.

For many 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.



OVER 35 YEARS OF EXPERIENCE IN ELECTRICAL INSTALLATION BRANCH



Visit our website and enjoy from a rich database of product information.



<https://www.pawbol.pl/en/>

At www.pawbol.pl you will find, among others: ecatalog, certificates, EPREL database, instructional videos and news.

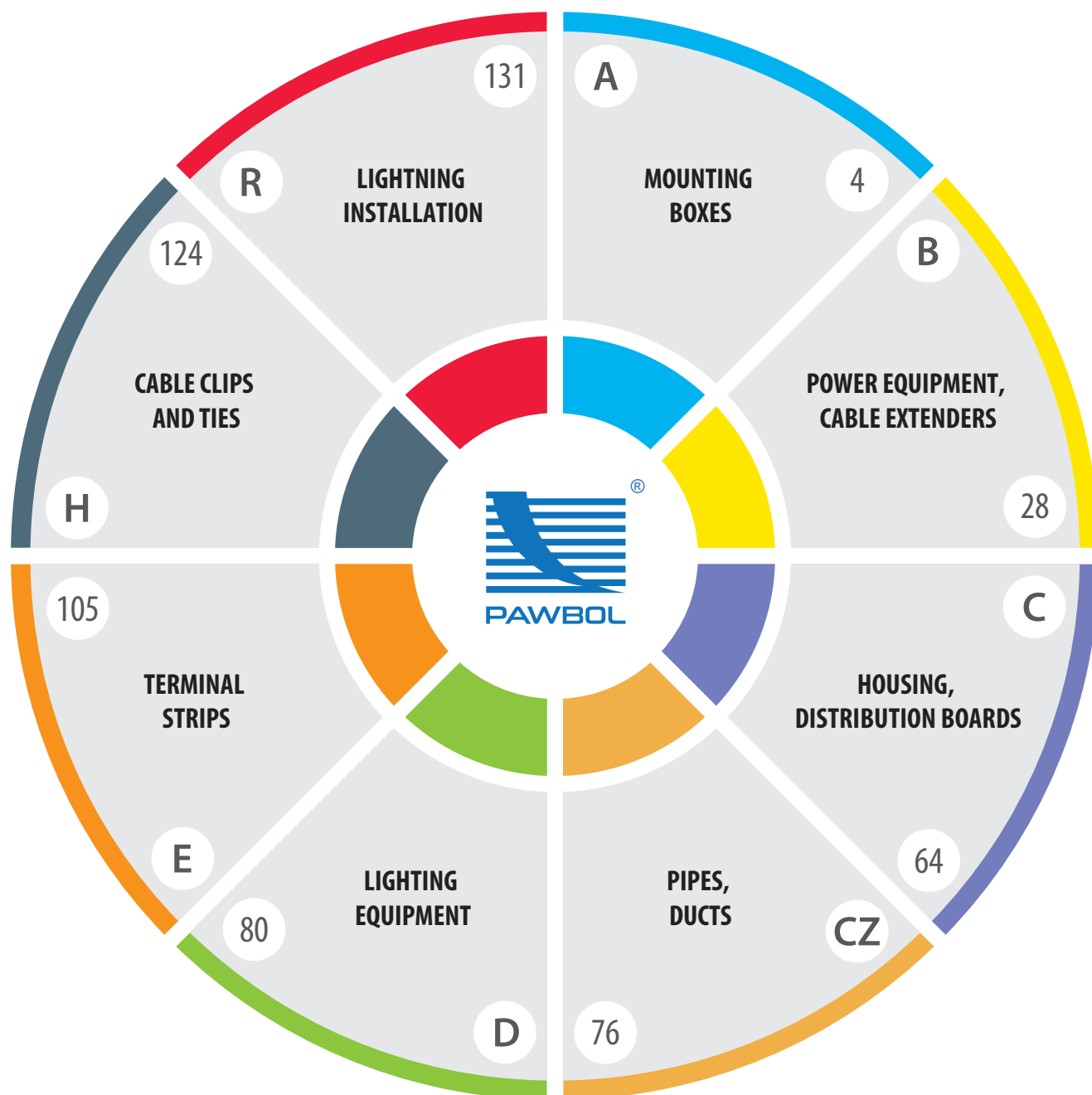


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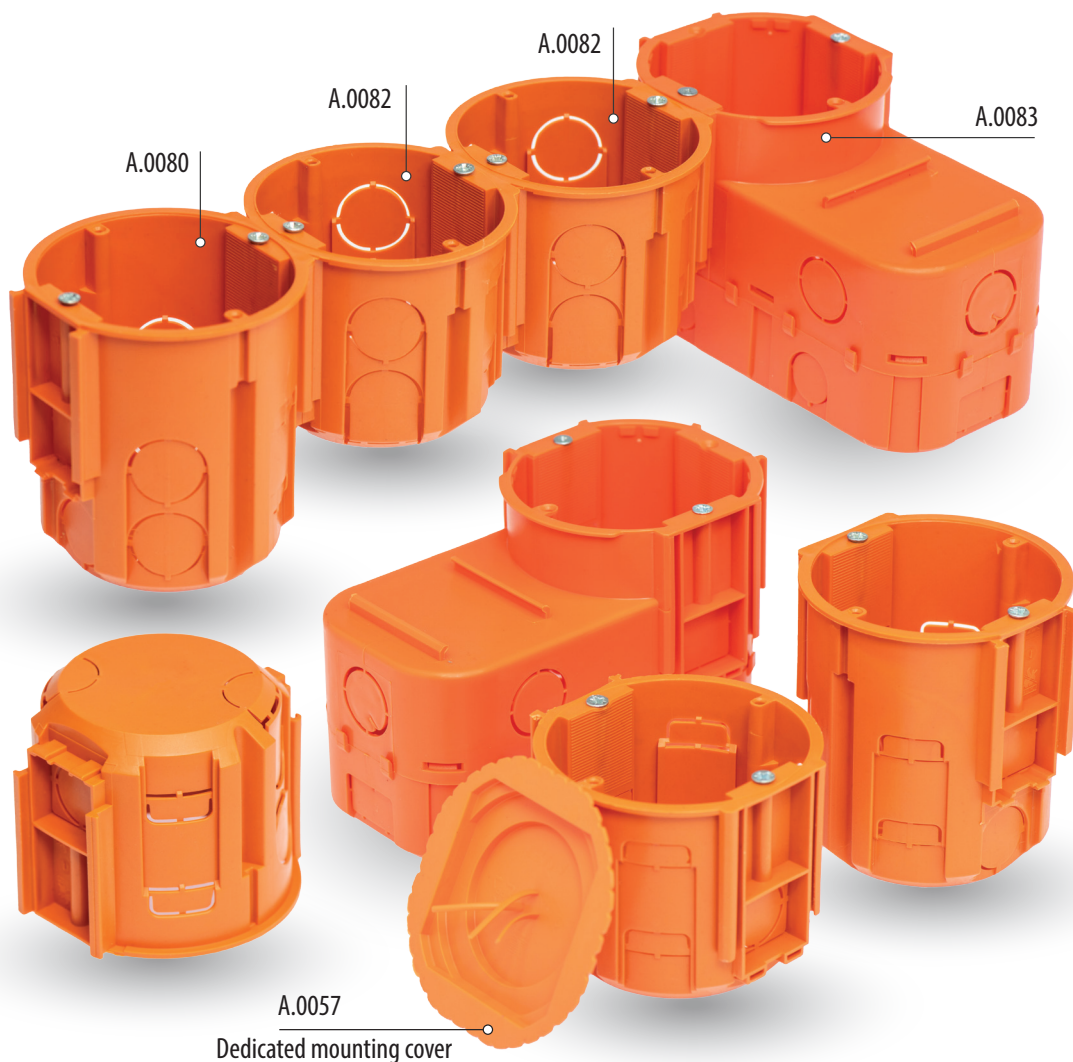


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FLUSH-MOUNTING BOXES - SIMPLE COMBINATION IN SETS



A.0082 - FLUSH-MOUNTING, JUNCTION, WITH SCREWS **NEW**



FLUSH-MOUNTING BOXES

HALOGEN FREE



NORM PN-EN 60670-1

Flush-mounting box
deep, junction, with screws

● A.0080



Flush-mounting box,
shallow, junction, with screws

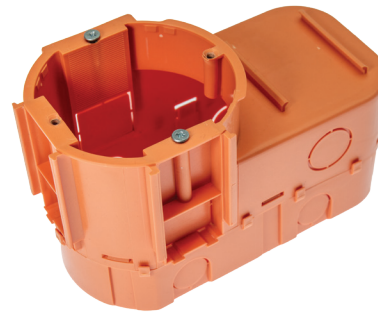
● A.0082

NEW



Flush-mounting box,
deep, junction, with screws, for electronics

● A.0083



H 81,5 mm
W 136,5 mm
D 74 mm

CAT. NO.	Ø	H	M	IP	T	K	L			#
A.0080	68 mm	81 mm	PP	IP30	650°C	●	60 mm	✓ 2	✓	80
A.0082	68 mm	60 mm	PP	IP30	650°C	●	60 mm	✓ 2	✓	110
A.0083	68 mm	82 mm	PP	IP30	650°C	●	60 mm	✓ 2	✓	30

FLUSH-MOUNTING BOXES, JUNCTION

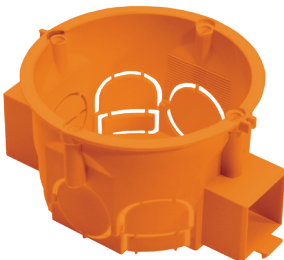
HALOGEN FREE



NORM PN-EN 60670-1

Flush-mounting box PK60,
shallow, junction

● A.0005BL ● A.0005BLP



Flush-mounting box PK60,
junction, shallow with screws

● A.0005L ● A.0005LP



Flush-mounting box PK60,
junction, deep, with screws

● A.0006P/68



CAT. NO.	Ø	H	M	IP	T	K	L			#
A.0005BL	62 mm	42 mm	PP	IP30	650°C	●	60 mm	-	✓	100
A.0005BLP	62 mm	42 mm	PP	IP30	650°C	●	60 mm	-	✓	100
A.0005L	62 mm	42 mm	PP	IP30	650°C	●	60 mm	✓ 2	✓	100
A.0005LP	62 mm	42 mm	PP	IP30	650°C	●	60 mm	✓ 2	✓	100
A.0006P/68	68 mm	73 mm	PP	IP30	650°C	●	60 mm	✓ 2	✓	50

FLUSH-MOUNTING BOXES PK60 LUX, DEEP



NORM PN-EN 60670-1

HALOGEN FREE

Slots for screws for attaching accessories

Additional mountings, stiffening multiple numbers 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 cable routing between

Easy to break culverts placed at two levels

Large grommets for easy cable entry

- 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 box
- Compatible with lids attached using screws and ferruls
- 4 screw slots allow stable mounting of accessories

Flush-mounting box PK60 LUX, deep

● A.0001BL

● A.0001BLP

● A.0001LD

● A.0001LDP

Flush-mounting box PK60 LUX, deep, junction

● A.0006BL

● A.0006BLP

● A.0006L

● A.0006LP



CAT. NO.	Ø	H	M	IP	T	K	L	L	L	#
A.0001BL	62 mm	63 mm	PP	IP30	650°C	●	60 mm	-	-	110
A.0001BLP	62 mm	63 mm	PP	IP30	650°C	●	60 mm	-	-	110
A.0001LD	62 mm	63 mm	PP	IP30	650°C	●	60 mm	✓ 2	-	110
A.0001LDP	62 mm	63 mm	PP	IP30	650°C	●	60 mm	✓ 2	-	110
A.0006BL	62 mm	63 mm	PP	IP30	650°C	●	60 mm	-	✓	110
A.0006BLP	62 mm	63 mm	PP	IP30	650°C	●	60 mm	-	✓	110
A.0006L	62 mm	63 mm	PP	IP30	650°C	●	60 mm	✓ 2	✓	110
A.0006LP	62 mm	63 mm	PP	IP30	650°C	●	60 mm	✓ 2	✓	110

FLUSH-MOUNTING BOXES

HALOGEN FREE



NORM PN-EN 60670-1

Flush-mounting box PK60 LUX, shallow

● A.0001A ● A.0001AP



Flush-mounting box, PK60 LUX, shallow, with screws

● A.0002 ● A.0002P



Flush-mounting box PK60 LUX, shallow

● A.0001



Flush-mounting box P080, shallow, branch

● A.0004



CAT. NO.	Ø	H	M	IP	T	K	L	#	#	#
A.0001A	63 mm	40 mm	PP	IP30	650°C	●	60 mm	-	-	100
A.0001AP	63 mm	40 mm	PP	IP30	650°C	●	60 mm	-	-	100
A.0002	63 mm	40 mm	PP	IP30	650°C	●	60 mm	✓ 2	-	100
A.0002P	63 mm	40 mm	PP	IP30	650°C	●	60 mm	✓ 2	-	100
A.0001	63 mm	40 mm	PP	IP30	650°C	●	60 mm	-	-	100
A.0004	84 mm	44 mm	PP	IP30	650°C	●	60 mm	-	-	90

FLUSH-MOUNTING BOXES, N-ROW



NORM PN-EN 60670-1

HALOGEN FREE

Flush-mounting box PK60,
shallow, with screws, 2-row

● A.0042WP

Flush-mounting box PK60,
shallow, with screws, 3-row

● A.0043WP

Flush-mounting box PK60,
shallow, with screws, 4-row

● A.0049WP

Flush-mounting box PK60,
shallow, with screws, 5-row

● A.0048WP



FLUSH-MOUNTING BOXES, DEEP, N-ROW



NORM PN-EN 60670-1

HALOGEN FREE

Flush-mounting box PK60,
deep, with screws, 2-row

● A.0042WPG

Flush-mounting box PK60,
deep, with screws, 3-row

● A.0043WPG

Flush-mounting box PK60,
deep, with screws, 4-row

● A.0049WPG

Flush-mounting box PK60,
deep, with screws, 5-row

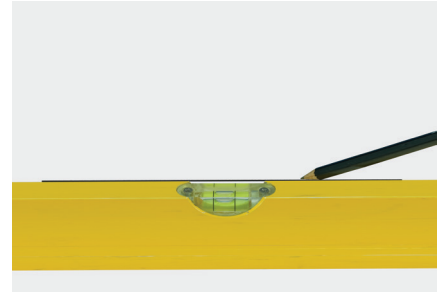
● A.0048WPG



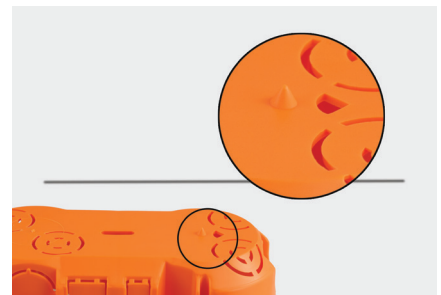
CAT. NO.	W	H	M	IP	T	K	L			#
A.0042WP	2x68 mm	46 mm	PP	IP30	650°C	●	60 mm	✓ 4	-	50
A.0043WP	3x68 mm	46 mm	PP	IP30	650°C	●	60 mm	✓ 6	-	50
A.0049WP	4x68 mm	46 mm	PP	IP30	650°C	●	60 mm	✓ 8	-	6
A.0048WP	5x68 mm	46 mm	PP	IP30	650°C	●	60 mm	✓ 10	-	6
A.0042WPG	2x68 mm	46 mm	PP	IP30	650°C	●	60 mm	✓ 4	-	40
A.0043WPG	3x68 mm	46 mm	PP	IP30	650°C	●	60 mm	✓ 6	-	40
A.0049WPG	4x68 mm	46 mm	PP	IP30	650°C	●	60 mm	✓ 8	-	6
A.0048WPG	5x68 mm	46 mm	PP	IP30	650°C	●	60 mm	✓ 10	-	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.



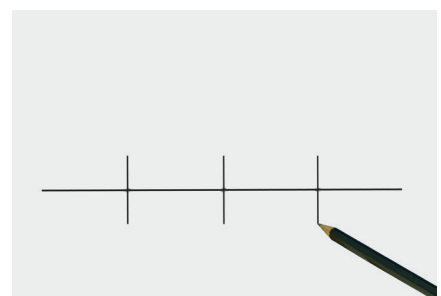
Place the box to the drawn line, so that the line is visible in the center of the triangular windows located on the underside of the box.



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.



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



BOXES FOR GYPSUM WALLS



NORM PN-EN 60670-1

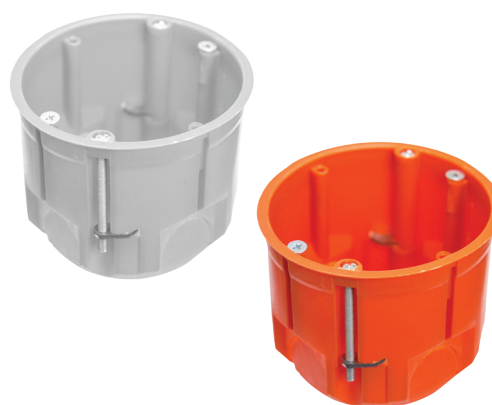
HALOGEN FREE

Box for gypsum walls PK60,
shallow, with screws

● A.0046L ● A.0046LP

Box for gypsum walls PK60,
deep, with screws

● A.0044L ● A.0044LP

Box for gypsum walls P070,
shallow, branch

● A.0008 ● A.0008P





















Box for gypsum walls P080,
shallow, branch

● A.0009 ● A.0009P

Box for gypsum walls PK60,
deep, junction, with screws

● A.0040P/68



 CAT. NO.	 Ø	 H	 M	 IP	 T	 K	 L			 #
A.0046L	68 mm	46 mm	PP/PS	IP30	650°C		60 mm	✓ 2	-	100
A.0046LP	68 mm	46 mm	PP/PS	IP30	650°C		60 mm	✓ 2	-	100
A.0044L	68 mm	61 mm	PP/PS	IP30	650°C		60 mm	✓ 2	-	110
A.0044LP	68 mm	61 mm	PP/PS	IP30	650°C		60 mm	✓ 2	-	110
A.0008	73 mm	46 mm	PP/PS	IP30	650°C		-	-	-	70
A.0008P	73 mm	46 mm	PP/PS	IP30	650°C		-	-	-	70
A.0009	83 mm	49 mm	PP/PS	IP30	650°C		-	-	-	60
A.0009P	83 mm	49 mm	PP/PS	IP30	650°C		-	-	-	60
A.0040P/68	68 mm	73 mm	PP/PS	IP30	650°C		60 mm	✓ 2	✓	50

BOXES FOR GYPSUM WALLS

HALOGEN FREE



NORM PN-EN 60670-1

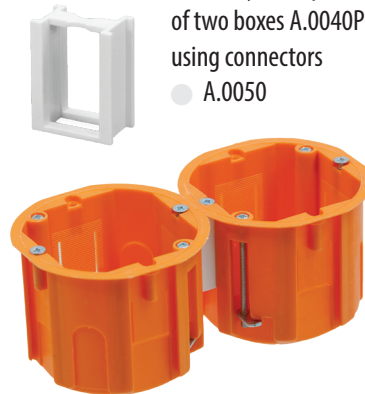
Box for gypsum walls PK60,
deep, junction, with screws

● A.0040 ● A.0040P



Assembly example
of two boxes A.0040P
using connectors

● A.0050



Box for gypsum walls P0100x100x40,
shallow, with screws










● A.0045 ● A.0045P




Box for gypsum walls,
deep, with screws, windproof

● A.0081K



 CAT. NO.	 Ø	 H	 M	 IP	 T	 K	 L			 #
A.0040	65 mm	60 mm	PP/PS	IP30	650°C		60 mm	✓ 2	-	50
A.0040P	65 mm	60 mm	PP/PS	IP30	650°C		60 mm	✓ 2	-	50
A.0045	 103 mm	50 mm	PP/PS	IP30	650°C		-	✓ 4	-	5
A.0045P	 103 mm	50 mm	PP/PS	IP30	650°C		-	✓ 4	-	5
A.0081K	68 mm	60 mm	PP/PS	-	-		60 mm	✓ 2	-	110

BOXES FOR GYPSUM WALLS, N-ROW

 NORM PN-EN 60670-1 HALOGEN FREE

Box for gypsum walls PK60, shallow, with screws, 2-row

● A.0010 ● A.0010P



Box for gypsum walls PK60, shallow, with screws, 3-row

● A.0041 ● A.0041P



Box for gypsum walls PK60, shallow, with screws, 4-row

● A.0047 ● A.0047P




Box for gypsum walls PK60, shallow, with screws, 5-row

● A.0048 ● A.0048P



BOXES FOR GYPSUM WALLS, DEEP, N-ROW

 NORM PN-EN 60670-1 HALOGEN FREE

Box for gypsum walls PK60, deep, with screws, 2-row

● A.0010PG



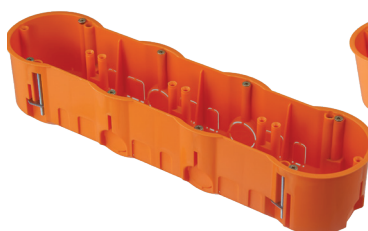
Box for gypsum walls PK60, deep, with screws, 3-row

● A.0041PG



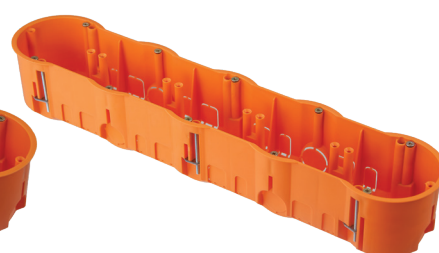
Box for gypsum walls PK60, deep, with screws, 4-row









● A.0047PG

























Box for gypsum walls PK60, deep, with screws, 5-row

● A.0048PG



 CAT. NO.	 W	 H	 M	 IP	 T	 K	 L			 #
A.0010	2x68 mm	46 mm	PP	IP30	650°C	●	60 mm	✓ 4	-	50
A.0010P	3x68 mm	46 mm	PP	IP30	650°C	●	60 mm	✓ 6	-	50
A.0041	4x68 mm	46 mm	PP	IP30	650°C	●	60 mm	✓ 8	-	50
A.0041P	5x68 mm	46 mm	PP	IP30	650°C	●	60 mm	✓ 10	-	50
A.0047	2x68 mm	46 mm	PP	IP30	650°C	●	60 mm	✓ 4	-	6
A.0047P	3x68 mm	46 mm	PP	IP30	650°C	●	60 mm	✓ 6	-	6
A.0048	4x68 mm	46 mm	PP	IP30	650°C	●	60 mm	✓ 8	-	6
A.0048P	5x68 mm	46 mm	PP	IP30	650°C	●	60 mm	✓ 10	-	6
A.0010PG	2x68 mm	46 mm	PP	IP30	650°C	●	60 mm	✓ 4	-	40
A.0041PG	3x68 mm	46 mm	PP	IP30	650°C	●	60 mm	✓ 6	-	40
A.0047PG	4x68 mm	46 mm	PP	IP30	650°C	●	60 mm	✓ 8	-	6
A.0048PG	5x68 mm	46 mm	PP	IP30	650°C	●	60 mm	✓ 10	-	6

PICTOGRAMS GROUP A

 CAT. NO.	Catalog number	 K	Color
 NORM	Norm	 M	Material
 Ø	Diameter	 M	Base material
 Ø	Cover diameter	 M	Cover material
 ●	Number of cable glands	 IP	Internal protection
 H	Height	 T	Maximum operating temperature
 D	Depth	 L	Spacing between screws
 W	Width		Includes screws
 Ø	Diameter of cable glands hole		Junction possibility
 #	Quantity in package		Opaque cover
 UV	UV Resist		Transparent cover

HALOGEN FREE - WHAT DOES IT MEAN?

Halogen-free means that the product **does not contain any harmful chemical elements**. Halogens are chemical elements from group 17 of the periodic table of elements. This group includes astatine, bromine, chlorine, fluorine and iodine.

Why is this important?

During building fire, plastic-made construction materials release gases that are result of a plastic decomposition proces. Exceptionally dangerous are gas derivatives of the halogens, especially hydrogen chloride which in contact with water turns into corrosive acid.

These gases are serious threat for human health and life as well as for building structures in the fire area and places nearby, into which the gases can be transmited through ventilation, chimney or cable channels.

RED SERIES – SELF-EXTINGUISHING



NORM PN-EN 60670-1

HALOGEN FREE



Self-extinguishment is a process that occurs in conditions where there is no oxygen present or its amount is insufficient to keep the fire burning.

The material or substance in which it occurs has the ability to self-extinguish after removing the source of ignition and fire.

Self-extinguishing boxes are designed to minimize the risk of fire and explosion. Thanks to the use of advanced self-extinguishing technology, these boxes are extinguished after the fire ceases to exist.

This is a key aspect in the context of fire safety, especially when it comes to buildings and public institutions such as schools, office buildings, offices, supermarkets, but also in single-family houses or apartment blocks. Self-extinguishing minimizes the risk of fire and increases safety for human health and life.



RED SERIES – SELF-EXTINGUISHING - FOR GYPSUM WALLS

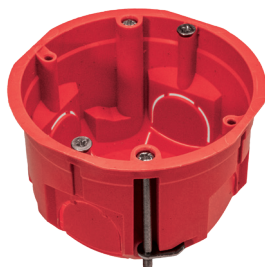


NORM PN-EN 60670-1

HALOGEN FREE

Box for gypsum walls PK60, shallow, with screws

● A.0046LA



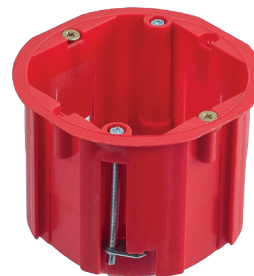
Box for gypsum walls PK60, deep, with screws














● A.0044LA



Box for gypsum walls PK60, deep, junction, with screws

● A.0040A



 CAT. NO.	 Ø	 H	 M	 IP	 T	 K	 L			#
A.0046LA	68 mm	46 mm	PP	IP30	850°C		60 mm	✓ 2	-	100
A.0044LA	68 mm	46 mm	PP	IP30	850°C		60 mm	✓ 2	-	110
A.0040A	68 mm	46 mm	PP	IP30	850°C		60 mm	✓ 2	-	50

PP-flame retardant, self-extinguishing

RED SERIES – SELF-EXTINGUISHING - FOR GYPSUM WALLS, N-ROW

HALOGEN FREE



NORM PN-EN 60670-1

Box for gypsum walls PK60,
shallow, with screws, 2-row

● A.0010A



Box for gypsum walls PK60,
shallow, with screws, 3-row

● A.0041A



RED SERIES – SELF-EXTINGUISHING - FOR GYPSUM WALLS, N-ROW, DEEP

HALOGEN FREE



NORM PN-EN 60670-1

Box for gypsum walls PK60,
deep, with screws, 2-row

● A.0010AG

Box for gypsum walls PK60,
deep, with screws, 3-row

● A.0041AG











Box for gypsum walls PK60,
deep, with screws, 4-row

● A.0047AG

Box for gypsum walls PK60,
deep, with screws, 5-row

● A.0048AG



 CAT. NO.	 W	 H	 M	 IP	 T	 K	 L			#
A.0010A	2x68 mm	46 mm	PP	IP30	850°C	●	60 mm	✓ 4	-	50
A.0041A	3x68 mm	46 mm	PP	IP30	850°C	●	60 mm	✓ 6	-	50
A.0010AG	2x68 mm	60 mm	PP	IP30	850°C	●	60 mm	✓ 4	-	40
A.0041AG	3x68 mm	60 mm	PP	IP30	850°C	●	60 mm	✓ 6	-	40
A.0047AG	4x68 mm	60 mm	PP	IP30	850°C	●	60 mm	✓ 8	-	6
A.0048AG	5x68 mm	60 mm	PP	IP30	850°C	●	60 mm	✓ 10	-	6

PP-flame retardant, self-extinguishing

FLUSH-MOUNTING BOXES

 NORM PN-EN 60670-1

Flush-mounting box UK1,
shallow, junction, universal

● A.UK1-S



Flush-mounting box UK1,
deep, junction, universal

● A.UK1-SH



Flush-mounting box KUP68,
deep, junction, with screws

● KUP68H-2XXS



HALOGEN FREE












Flush-mounting box KUP68,
deep, junction

● KUP68H-2XX



HALOGEN FREE



 CAT. NO.	 Ø	 H	 M	 IP	 T	 K	 L			 #
A.UK1-S	72 mm	46 mm	PVC	IP30	850°C	●	60 mm	-	✓	150
A.UK1-SH	72 mm	66 mm	PVC	IP30	850°C	●	60 mm	-	✓	100
KUP68H-2XXS	72 mm	72 mm	PA	IP30	850°C	●	60 mm	✓ 2	✓	50
KUP68H-2XX	72 mm	72 mm	PA	IP30	850°C	●	60 mm	-	✓	50

FLUSH-MOUNTING BOXES

HALOGEN FREE



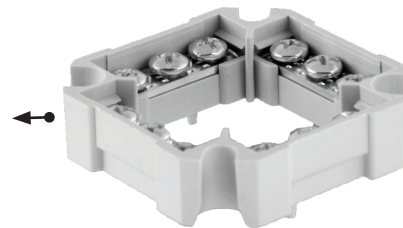
NORM PN-EN 60670-1

Flush-mounting box KUP68,
shallow, with screws

● KUP68-02

Terminal strip 4x4mm² for KUP68 boxes

● E.6801



FLUSH-MOUNTING BOXES

HALOGEN FREE



NORM PN-EN 60670-1

Box for gypsum walls KUP68,
shallow, with screws

● A.KUP68-01

Box for gypsum walls KUP68,
deep, with screws

● A.KUP68H-231

Box for gypsum walls KUP68,
shallow, two parts

● A.KUP68-01-DV



E.6801

CAT. NO.	Ø	H	M	IP	T	K	L			#
A.KUP68-02	72 mm	46 mm	PA	IP30	850°C	●	60 mm	✓ 2	-	90
A.KUP68H-231	72 mm	72 mm	PA	IP30	850°C	●	60 mm	✓ 2	-	90
A.KUP68-01-DV	78 mm	78 mm	PA	IP30	850°C	●	60 mm	-	-	70

PA-self-extinguishing, E.6801 A detailed description is available in section E - Terminal strips

FLUSH-MOUNTING BOXES WITH COVER



NORM PN-EN 60670-1

HALOGEN FREE

Flush-mounting box 92x92x45,
with screws

● OL 10001



Flush-mounting box 116x95x50,
with screws

● OL 10002



Flush-mounting box 153x98x70,
with screws

● OL 10003



Flush-mounting box 158x127x70,
with screws

● OL 10004



Flush-mounting box 195x153x70,
with screws

● OL 10005



Flush-mounting box 291x153x70,
with screws

● OL 10006



Flush-mounting box 388x152x70,
with screws

● OL 10007

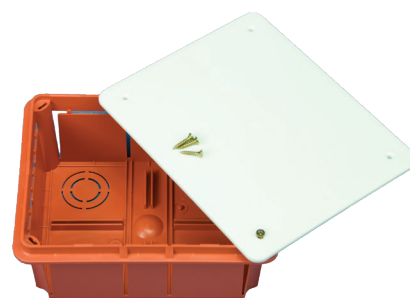


Flush-mounting box 480x160x70,
with screws

● OL 10008



Sample view: interior OL 10004



CAT. NO.	W	H	D	M	M	IP	T	K	#	#
OL 10001	92 mm	45 mm	92 mm	PP	PS	IP30	650°C	●	✓ 4	1
OL 10002	95 mm	50 mm	116 mm	PP	PS	IP30	650°C	●	✓ 4	1
OL 10003	98 mm	70 mm	153 mm	PP	PS	IP30	650°C	●	✓ 4	1
OL 10004	127 mm	70 mm	158 mm	PP	PS	IP30	650°C	●	✓ 4	1
OL 10005	153 mm	70 mm	195 mm	PP	PS	IP30	650°C	●	✓ 4	1
OL 10006	153 mm	70 mm	291 mm	PP	PS	IP30	650°C	●	✓ 6	1
OL 10007	152 mm	70 mm	388 mm	PP	PS	IP30	650°C	●	✓ 6	1
OL 10008	160 mm	70 mm	480 mm	PP	PS	IP30	650°C	●	✓ 8	1

FACING WALL BOXES - P TYPE & FACING WALL, HERMETIC BOXES

 NORM PN-EN 60670-1

Facing wall box P-2,
with screw, terminal strips 4x2,5mm²
● A.0017














Facing wall box P-2,
with screw, without terminal strips
● A.0016



Facing wall box P0I-28,
with screws, without terminal strips, hermetic
● A.0011



 CAT. NO.	 W	 H	 D	 M	 Ø		 IP	 K		 #
A.0017	72 mm	28 mm	72 mm	PP	20 mm	4	IP44	●	✓ 1	50
A.0016	72 mm	28 mm	72 mm	PP	20 mm	4	IP44	●	✓ 1	50
A.0011	145 mm	56 mm	145 mm	PP	28 mm	4	IP30	●	✓ 4	16

Remarks: Inside dimensions

EXTENDABLE BOX FOR GROUNDING CONNECTOR

 NORM PN-EN 60670-1

Box for grounding connector
● R.8147

Height range: 149-210 mm



Box for grounding connector
● R.8145 ● R.8145S

Height range: 82-150 mm



Box for grounding connector
● R.8144

Height range: 79-141 mm



Box for grounding connector
with door ● R.8144D

Height range: 83-145 mm



R.8145S - grey color cover, all other covers - white color

DETAILED INFORMATION AVAILABLE IN THE R GROUP - LIGHTNING INSTALLATION

FACING WALL BOXES IP54, HALOGEN FREE SERIES

 NORM PN-EN 60670-1

Facing wall box PH 92x92 KLIK,
5 terminal strips 4mm², hermetic
● A.0020



Facing wall box PH 92x92 KLIK,
without terminal strips, hermetic
● A.0018



Facing wall box PH 92x92 KLIK,
5 terminal strips 4mm², hermetic
● A.0020B



Facing wall box PH 92x92 KLIK,
without terminal strips, hermetic
● A.0018B



Facing wall box PH 92x92 KLIK,
5 terminal strips 4mm², hermetic
● A.0020C



Facing wall box PH 92x92 KLIK,
without terminal strips, hermetic
● A.0018C











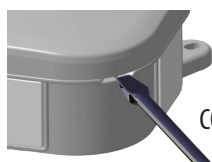
Facing wall box PH 92x92 KLIK,
5 terminal strips 4mm², hermetic
● A.0020BR



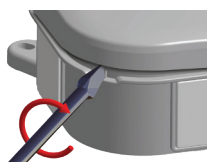
Facing wall box PH 92x92 KLIK,
without terminal strips, hermetic
● A.0018BR



 CAT. NO.	 W	 H	 D	 M		 IP	 T	 K	 UV	 #
A.0020	92 mm	44 mm	92 mm	PP/ABS	4	IP54	850°C	●	-	10
A.0018	92 mm	44 mm	92 mm	PP/ABS	4	IP54	850°C	●	-	10
A.0020B	92 mm	44 mm	92 mm	PP/ABS	4	IP54	850°C	●	-	10
A.0018B	92 mm	44 mm	92 mm	PP/ABS	4	IP54	850°C	●	-	10
A.0020C	92 mm	44 mm	92 mm	PP/ABS	4	IP54	850°C	●	✓	10
A.0018C	92 mm	44 mm	92 mm	PP/ABS	4	IP54	850°C	●	✓	10
A.0020BR	92 mm	44 mm	92 mm	PP/ABS	4	IP54	850°C	●	-	10
A.0018BR	92 mm	44 mm	92 mm	PP/ABS	4	IP54	850°C	●	-	10



INSTANT
TOOL-FREE
COVER INSTALLATION



IP 54 PH 92 x 92 click surface-mounting boxes are registered in the Patent Office as a protected industrial design. Features of elements of the installation box give it an original shape that stands out on the market.

FACING WALL BOXES, HERMETIC

HALOGEN FREE

NORM PN-EN 60670-1

Facing wall box 90x45 KLIK,
hermetic

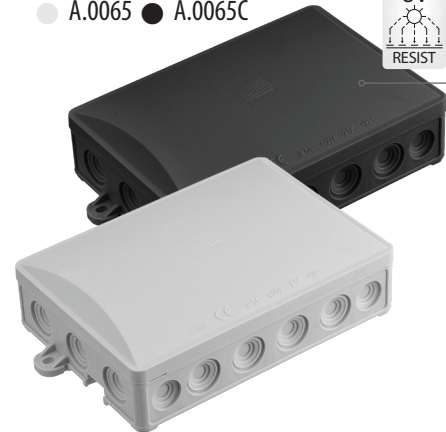
● A.0063 ● A.0063C

Facing wall box 90x90 KLIK,
hermetic

● A.0064 ● A.0064C

Facing wall box 90x130 KLIK,
hermetic

● A.0065 ● A.0065C



CAT. NO.	W	H	D	M	Ø	●	IP	K	UV	#
A.0063	72 mm	40 mm	95 mm	PE/PP	20 mm PG13,5	10	IP54	●	-	90
A.0063C	72 mm	40 mm	95 mm	PE/PP		10	IP54	●	✓	90
A.0064	95 mm	40 mm	117 mm	PE/PP		14	IP54	●	-	45
A.0064C	95 mm	40 mm	117 mm	PE/PP		14	IP54	●	✓	45
A.0065	95 mm	40 mm	147 mm	PE/PP		18	IP54	●	-	30
A.0065C	95 mm	40 mm	147 mm	PE/PP		18	IP54	●	✓	30

FACING WALL BOXES, HERMETIC

NORM PN-EN 60670-1

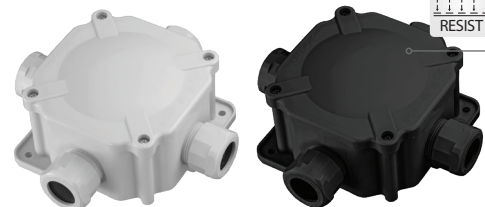
Hermetic boxes: PG16 / 5x4 mm² and PG21 / 5x6 mm² have increased tightness - IP67, so they can be used on external walls of buildings exposed to harsh weather (rain, frost, etc.)

Facing wall box PG16 / 5x4mm², hermetic

● A.0035 ● A.0035BR ● A.0035C

Facing wall box PG21 / 5x6 mm² hermetic

● A.0036 ● A.0036C

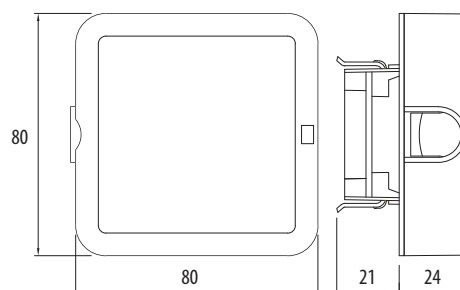


CAT. NO.	W	H	D	M	Ø	●	IP	K	UV	#
A.0035	75 mm	33 mm	75 mm	PA	4	PG16	IP67	●	-	50/1
A.0035BR	75 mm	33 mm	75 mm	PA	4	PG16	IP67	●	-	50/1
A.0035C	75 mm	33 mm	75 mm	PA	4	PG16	IP67	●	✓	50/1
A.0036	97 mm	47 mm	97 mm	PA	4	PG21	IP67	●	-	20/1
A.0036C	97 mm	47 mm	97 mm	PA	4	PG21	IP67	●	✓	20/1

Remarks: Inside dimensions

INSTALLATION BOX FOR HOUSEHOLD APPLIANCES

 NORM PN-EN 60670-1:2007, PN-EN 60670-22:2009, PN-EN 63000 : 2019-01



Parameters:

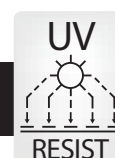
- » Surface, flush or built-in installation
- » Aesthetic, removable cover
- » Electrical threaded terminals 5 x 2,5 mm²
- » Secure clamping of the connection cable
- » Protection rating: IP20
- » Rated current: 16A
- » Rated voltage: 230/440V
- » Weight: 85g

INSTALLATION BOX S-BOX SERIES



- » Easy installation of electrical and electronic equipment thanks to numerous bases inside the box
- » UV resistance for S-BOX in black color
- » Plastic screws ensure complete corrosion resistance of the outer part of the boxes, which allows them to be installed in places exposed to moisture.
- » High degree of protection IP 65 thanks to the sealed connection between the cover and the base, except for the S-BOX 026 and 036 series, which have a convenient and quick closing system by clicking the cover onto the box and an IP degree of 44
- » High mechanical and chemical resistance
- » Transparent covers increase the number of possible applications, allowing regular inspection of equipment mounting inside the box without disassembly of the cover
- » High impact resistance of transparent S-BOX covers - IK 10

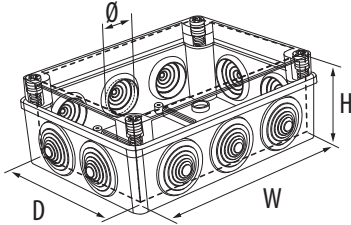
MOST S-BOX MODELS ALSO AVAILABLE IN BLACK COLOR!



INSTALLATION BOX S-BOX SERIES



NORM PN-EN 60670-1, PN-EN 62208



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

S-BOX 80x80x40 klik



CAT. NO.	TYPE	COVER	K	W	D	H		Ø	IP	IK	T	M	UV	#
S-BOX 026	Ø80x40 klik			Ø 84 mm	-	40 mm	4	22mm, PG 16	IP44	IK08	650°C	PS/ABS	-	5/160
S-BOX 026B	Ø80x40 klik			Ø 84 mm	-	40 mm	4	22mm, PG 16	IP44	IK08	650°C	PS	-	5/160
S-BOX 036	80x80x40 klik			80 mm	80 mm	40 mm	6	20mm, PG 13,5	IP44	IK08	650°C	PS/ABS	-	10/160
S-BOX 036B	80x80x40 klik			80 mm	80 mm	40 mm	6	20mm, PG 13,5	IP44	IK08	650°C	PS	-	10/160

S-BOX 026 and 036 boxes have convenient and quick closing system by clicking the cover onto the box, which provides the IP 44 protection degree.

S-BOX 100x100x50

HALOGEN FREE*



CAT. NO.	TYPE	COVER	K	W	D	H		Ø	IP	IK	T	M	UV	#
S-BOX 106	100x100x50 / 6 cable glands			100	100	50	6	28mm, PG 21	IP65	IK08	650°C	PS/ABS	-	1/100
S-BOX 106B	100x100x50 / 6 cable glands			100	100	50	6	28mm, PG 21	IP65	IK08	650°C	PS/ABS	-	1/100
S-BOX 106C	100x100x50 / 6 cable glands			100	100	50	6	28mm, PG 21	IP65	IK08	650°C	PS/ABS	✓	1/100
S-BOX 116	100x100x50 / w/o cable glands			100	100	50	-	-	IP65	IK08	650°C	PS/ABS	-	1/100
S-BOX 116B	100x100x50 / w/o cable glands			100	100	50	-	-	IP65	IK08	650°C	PS/ABS	-	1/100
S-BOX 116C	100x100x50 / w/o cable glands			100	100	50	-	-	IP65	IK08	650°C	PS/ABS	✓	1/100

* Does not apply to S-BOXes containing cable glands

S-BOX 120x80x50

HALOGEN FREE*



CAT. NO.	TYPE	COVER	K	W	D	H		Ø	IP	IK	T	M	UV	#
S-BOX 206	120x80x50 / 6 cable glands			120	80	50	6	28mm, PG 21	IP65	IK08	650°C	PS/ABS	-	1/100
S-BOX 206B	120x80x50 / 6 cable glands			120	80	50	6	28mm, PG 21	IP65	IK08	650°C	PS/ABS	-	1/100
S-BOX 206C	120x80x50 / 6 cable glands			120	80	50	6	28mm, PG 21	IP65	IK08	650°C	PS/ABS	✓	1/100
S-BOX 206-P	120x80x50 / 6 cable glands			120	80	50	6	28mm, PG 21	IP65	IK08	650°C	PS/ABS/PC	-	1/100
S-BOX 216	120x80x50 / w/o cable glands			120	80	50	-	-	IP65	IK08	650°C	PS/ABS	-	1/100
S-BOX 216B	120x80x50 / w/o cable glands			120	80	50	-	-	IP65	IK08	650°C	PS/ABS	-	1/100
S-BOX 216C	120x80x50 / w/o cable glands			120	80	50	-	-	IP65	IK08	650°C	PS/ABS	✓	1/100
S-BOX 216-P	120x80x50 / w/o cable glands			120	80	50	-	-	IP65	IK08	650°C	PS/ABS/PC	-	1/100

* Does not apply to S-BOXes containing cable glands

INSTALLATION BOX S-BOX SERIES



NORM PN-EN 60670-1, PN-EN 62208

S-BOX 150x110x70

HALOGEN FREE *

NEW

NEW



CAT. NO.	TYPE	COVER	K	W	D	H		Ø	IP	IP	IK	M	UV	#
S-BOX 306	150x110x70 / 10 cable glands			150	110	70	10	28mm, PG 21	IP65	IK08	650°C	PS/ABS	-	1/45
S-BOX 306B	150x110x70 / 10 cable glands			150	110	70	10	28mm, PG 21	IP65	IK08	650°C	PS/ABS	-	1/45
S-BOX 306C	150x110x70 / 10 cable glands			150	110	70	10	28mm, PG 21	IP65	IK08	650°C	PS/ABS	✓	1/45
S-BOX 306H	150x110x140 / 10 cable glands			150	110	140	10	28mm, PG 21	IP65	IK08	650°C	PS/ABS	-	1/30
S-BOX 306-P	150x110x70 / 10 cable glands			150	110	70	10	28mm, PG 21	IP65	IK08	650°C	PS/ABS/ PC	-	1/45
S-BOX 316	150x110x70 / w/o cable glands			150	110	70	-	-	IP65	IK08	650°C	PS/ABS	-	1/50
S-BOX 316B	150x110x70 / w/o cable glands			150	110	70	-	-	IP65	IK08	650°C	PS/ABS	-	1/50
S-BOX 316C	150x110x70 / w/o cable glands			150	110	70	-	-	IP65	IK08	650°C	PS/ABS	✓	1/50
S-BOX 316H	150x110x140 / w/o cable glands			150	110	140	-	-	IP65	IK08	650°C	PS/ABS	-	1/30
S-BOX 316-P	150x110x70 / w/o cable glands			150	110	70	-	-	IP65	IK08	650°C	PS/ABS/ PC	-	1/50

* Does not apply to S-BOXes containing cable glands

S-BOX 190x140x70

HALOGEN FREE *

NEW

NEW



CAT. NO.	TYPE	COVER	K	W	D	H		Ø	IP	IK	T	M	UV	#
S-BOX 406	190x140x70 / 10 cable glands			190	140	70	10	37mm, PG29	IP65	IK08	650°C	PS/ABS	-	1/30
S-BOX 406B	190x140x70 / 10 cable glands			190	140	70	10	37mm, PG29	IP65	IK08	650°C	PS/ABS	-	1/30
S-BOX 406C	190x140x70 / 10 cable glands			190	140	70	10	37mm, PG29	IP65	IK08	650°C	PS/ABS	✓	1/30
S-BOX 406H	190x140x140 / 10 cable glands			190	110	140	10	37mm, PG29	IP65	IK08	650°C	PS/ABS	-	1/16
S-BOX 406-P	190x140x70 / 10 cable glands			190	140	70	10	37mm, PG29	IP65	IK08	650°C	PS/ABS/ PC	-	1/30
S-BOX 416	190x140x70 / w/o cable glands			190	140	70	-	-	IP65	IK08	650°C	PS/ABS	-	1/30
S-BOX 416B	190x140x70 / w/o cable glands			190	140	70	-	-	IP65	IK08	650°C	PS/ABS	-	1/30
S-BOX 416C	190x140x70 / w/o cable glands			190	140	70	-	-	IP65	IK08	650°C	PS/ABS	✓	1/30
S-BOX 416H	190x140x140 / w/o cable glands			190	140	140	-	-	IP65	IK08	650°C	PS/ABS	-	1/16
S-BOX 416-P	190x140x70 / w/o cable glands			190	140	70	-	-	IP65	IK08	650°C	PS/ABS/ PC	-	1/30

Sealing possibilities

* Does not apply to S-BOXes containing cable glands

INSTALLATION BOX S-BOX SERIES



NORM PN-EN 60670-1, PN-EN 62208

S-BOX 240x190x90

HALOGEN FREE *

NEW

NEW



CAT. NO.	TYPE	COVER	K	W	D	H		Ø	IP	IK	T	M	UV	#
S-BOX 506	240x190x90 / 12 cable glands			240	190	90	12	37mm, PG29	IP65	IK08	650°C	PS/ABS	-	1/12
S-BOX 506C	240x190x90 / 12 cable glands			240	190	90	12	37mm, PG29	IP65	IK08	650°C	PS/ABS	✓	1/12
S-BOX 516	240x190x90 / w/o cable glands			240	190	90	-	-	IP65	IK08	650°C	PS/ABS	-	1/16
S-BOX 516B	240x190x90 / w/o cable glands			240	190	90	-	-	IP65	IK08	650°C	PS/ABS	-	1/16
S-BOX 516CZ	240x190x90 / w/o cable glands			240	190	90	-	-	IP65	IK08	650°C	PS/ABS	✓	1/16
S-BOX 516-P	240x190x90 / w/o cable glands			240	190	90	-	-	IP65	IK08	650°C	PS/ABS / PC	-	1/16

Sealing possibilities

* Does not apply to S-BOXes containing cable glands

S-BOX 300x220x120

HALOGEN FREE *

NEW

NEW



CAT. NO.	TYPE	COVER	K	W	D	H		Ø	IP	IK	T	M	UV	#
S-BOX 606	300x220x120 / 12 cable glands			300	220	120	12	37mm, PG29	IP65	IK08	650°C	PS/ABS	-	1/7
S-BOX 606C	300x220x120 / 12 cable glands			300	220	120	12	37mm, PG29	IP65	IK08	650°C	PS/ABS	✓	1/7
S-BOX 616	300x220x120 / w/o cable glands			300	220	120	-	-	IP65	IK08	650°C	PS/ABS	-	1/7
S-BOX 616C	300x220x120 / w/o cable glands			300	220	120	-	-	IP65	IK08	650°C	PS/ABS	✓	1/7

Sealing possibilities

* Does not apply to S-BOXes containing cable glands

S-BOX 380x300x120

HALOGEN FREE *



CAT. NO.	TYPE	COVER	K	W	D	H		Ø	IP	IK	T	M	UV	#
S-BOX 706	380x300x120 / 12 cable glands			380	300	120	12	37mm, PG29	IP65	IK08	650°C	PS/ABS	-	1/5
S-BOX 716	380x300x120 / w/o cable glands			380	300	120	-	-	IP65	IK08	650°C	PS/ABS	-	1/5

Sealing possibilities

* Does not apply to S-BOXes containing cable glands

INSTALLATION BOX S-BOX SERIES



NORM PN-EN 60670-1, PN-EN 62208

S-BOX 460x380x120

HALOGEN FREE *



CAT. NO.	TYPE	COVER	K	W	D	H		Ø	IP	IK	T	M	UV	#
S-BOX 806	460x380x120 / 18 cable glands			460	380	120	18	37mm, PG29	IP65	IK08	650°C	PS/ABS	-	1/5
S-BOX 816	460x380x120 / w/o cable glands			460	380	120	-	-	IP65	IK08	650°C	PS/ABS	-	1/5

Sealing possibilities

* Does not apply to S-BOXes containing cable glands

HALOGEN FREE



CAT. NO.	TYPE	COVER	K	W	D	H		Ø	IP	IK	T	M	UV	#
OL20043	250x200x160			250	200	160	-	-	IP56	IK08	650°C	ABS	-	1

SPARE SCREWS FOR S-BOX / DISTRIBUTION BOX













HALOGEN FREE

CAT. NO.	TYPE	TO S-BOX	TO DISTRIBUTION BOX	LENGTH	COLOR
PA117502B	Small screw	106, 116, 206, 216	-	2 cm	
PA117502CZ	Small screw	106, 116, 206, 216	-	2 cm	
PA117502SZ	Small screw	106, 116, 206, 216	-	2 cm	
PA117503SB	Small screw	106, 116, 206, 216	-	3,5 cm	
PA117503CZ	Small screw	106, 116, 206, 216	-	3,5 cm	
PA117503SZ	Small screw	106, 116, 206, 216	-	3,5 cm	

CAT. NO.	TYPE	TO S-BOX	TO DISTRIBUTION BOX	LENGTH	COLOR
PA121503B	Medium screw	306, 316, 406, 416, 506, 516	-	3 cm	
PA121503CZ	Medium screw	306, 316, 406, 416, 506, 516	-	3 cm	
PA121503SZ	Medium screw	306, 316, 406, 416, 506, 516	150, 190, 240, 300	3 cm	
PA121504B	Medium screw	306, 316, 406, 416, 506, 516	-	4 cm	
PA121504CZ	Medium screw	306, 316, 406, 416, 506, 516	-	4 cm	
PA121504SZ	Medium screw	306, 316, 406, 416, 506, 516	-	4 cm	
PA124A50SZ	Medium-long screw	606, 616	-	5 cm	
PA12635SZ	Small screw	-	380, 382, 460	3,5 cm	
PA12650SZ	Large screw	706, 716, 806, 816	-	5 cm	



ACCESSORIES FOR MOUNTING BOXES

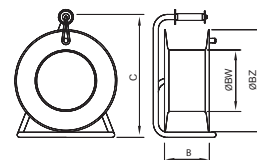
CAT. NO.	Photo	Description	 Ø	 H	 Ø	 M	 #
A.0050		Short adapter to A.0040 Distance between centers of junctions: 71 mm				PP	50
A.0037		Cover for boxes P070			79 mm	PP	100
A.0038		Cover for boxes P080			90 mm	PP	100
A.0039		Cover for boxes, universal			90 mm	PS	100
A.0054		Cover for boxes PK60/PK60 LUX			81 mm	PP	100
A.0062		Distance ring for boxes PK60, low	60 mm	12 mm		PP	50
A.0061		Distance ring for boxes PK60, high	60 mm	24 mm		PP	50
A.0053		Installation cover for boxes Ø60			60 mm	PP	50
A.0057		Installation cover for boxes Ø68			68 mm	PP	50

CABLE EXTENDERS



NORM PN-EN 61242 | THERMAL SWITCH | PLUG: UNI-SCHUKO WITH GROUND | 4xGZ16A | ~250V | IP44

Catalogue No.	Wire			Max power - wire rolled-up	Max power - wire unrolled	Dimensions [mm]				IP
	Length	Type	Insulation material			C	B	ØBW	ØBZ	



B.1115-250GZG-20	20	H05RR-F3x1,5	RUBBER	1000W	3000W	330	140	120	250	44
B.1115-250GZG-25	25									
B.1115-250GZG-30	30									
B.1115-250GZI-20	20	H05VV-F3x1,5	IGIELIT	1000W	3000W					
B.1115-250GZI-25	25									
B.1115-250GZI-30	30									



B.1116-300G-20	20	H05RR-F3x1,5	RUBBER	1000W	3000W	390	140	115	300	44
B.1116-300G-25	25									
B.1116-300G-30	30									
B.1116-300G-40	40									
B.1116-300G-50	50									
B.1116-300I-20	20	H05VV-F3x1,5	IGIELIT	1000W	3000W					
B.1116-300I-25	25									
B.1116-300I-30	30									
B.1116-300I-40	40									
B.1116-300I-50	50									



B.1120-30	30	H05RR-F3x1,5	RUBBER	1000W	3000W	390	160	125	300	44
B.1120-40	40									
B.1120-50	50									
B.1122-30	30	H05RR-F3x2,5	RUBBER	1200W	3600W					
B.1122-40	40									
B.1122-50	50									
B.1120I-30	30	H05VV-F3x1,5	IGIELIT	1000W	3000W					
B.1120I-40	40									
B.1120I-50	50									



B.1113-30	30	H05RR-F3x1,5	RUBBER	1000W	3000W	410	150	205	340	44
B.1113-40	40									
B.1113-50	50									
B.1114-30	30	H05RR-F3x2,5	RUBBER	1200W	3600W					
B.1114-40	40									
B.1114-50	50									
B.1411-30	30	H05VV-F3x1,5	IGIELIT	1000W	3000W					
B.1411-40	40									
B.1411-50	50									



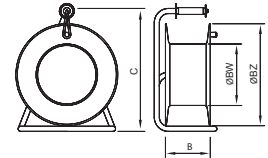
The above models of 250v extension cords, offered by PAWBOL S.A. include a molded type of connection plug

CABLE EXTENDERS

 NORM PN-EN 61316 | THERMAL SWITCH | PLUG: 16A/5p 400V | ØBZ=340mm | ~400V | IP44

Catalogue No.	Wire			Max power - wire rolled-up	Max power - wire unrolled	Dimensions [mm]			
	Lenght	Type	Insulation material			C	B	ØBW	ØBZ
IP44 16A / 5p 2 x GZ16A with grounding									
B.111015-25	25	H05RR-F5x1,5	RUBBER	3000W	6400W	410	150	205	340
B.111015-30	30								
B.111015-35	35								
B.111015-40	40								
B.111015-50	50								
B.1110-25	25	H05RR-F5x2,5		5000W	11000W				
B.1110-30	30								
B.1110-35	35								

IP44 | 16A / 5p | 2 x GZ16A with grounding



IP44 2 x 16A / 5p GZ16A with grounding									
B.110415-25	25	H05RR-F5x1,5	RUBBER	3000W	6400W	410	150	205	340
B.110415-30	30								
B.110415-35	35								
B.110415-40	40								
B.110415-50	50								
B.1104-25	25	H05RR-F5x2,5		5000W	11000W				
B.1104-30	30								
B.1104-35	35								

IP44 | 2 x 16A / 5p | GZ16A with grounding



IP44 2 x 16A / 5p									
B.110515-25	25	H05RR-F5x1,5	RUBBER	3000W	6400W	410	150	205	340
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				
B.1105-30	30								
B.1105-35	35								

IP44 | 2 x 16A / 5p



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

EMPTY CABLE REEL

 NORM PN-EN 61242 | THERMAL SWITCH | IP44

Empty cable reel



B.1115-250GZRT
IP44 | 4x16A / ~250V | THERMAL SWITCH | ØBZ=250mm

Empty cable reel



B.1116-300RT
IP44 | 4x16A / ~250V | THERMAL SWITCH | ØBZ=300mm

Empty cable reel, steel



B.1120-R
IP44 | 4x16A / ~250V | THERMAL SWITCH | ØBZ=300mm

Cable reel



B.1100
IP44 | ØBZ=340mm

Empty cable reel




B.1101-R
IP44 | 4xGZ16A / ~250V | ØBZ=340mm

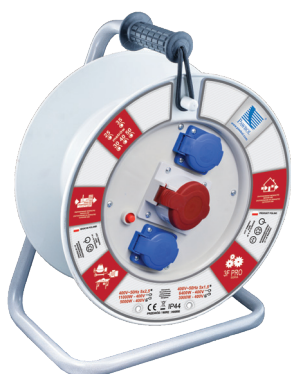
Empty cable reel



B.1101-RT
IP44 | 4xGZ16A / ~250V | THERMAL SWITCH | ØBZ=340mm

EMPTY CABLE REEL

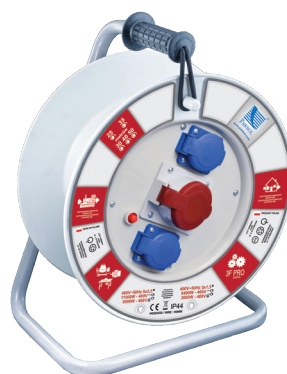
 NORM PN-EN 61316 | THERMAL SWITCH | ØBZ=340mm | ~400V | IP44



B.2000-340RT
IP44 | 1x32A/5p | 2xGZ16A



B.2001-340RT
IP44 | 2x32A/5p



B.1110-340RT
IP44 | 1x16A/5p | 2xGZ16A



B.1104-340RT
IP44 | 2x16A/5p | GZ16A

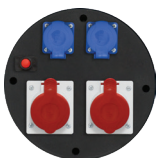
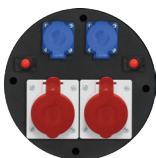
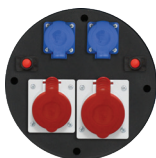
CABLE EXTENDERS & EMPTY CABLE REEL SOLID LINE Ø480

 NORM PN-EN 61316 | THERMAL SWITCH | ØBZ=480mm | ~400V | IP44

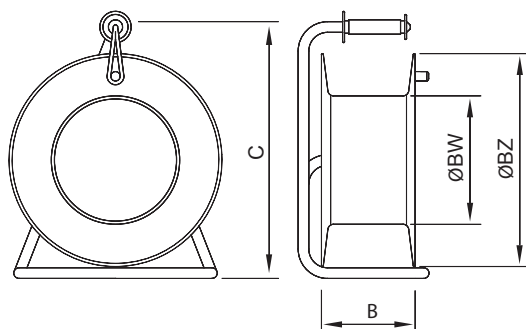
Advantages of the SOLID LINE empty cable reels and cable extenders

- 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:
5 x 10 mm² - 30 m, 5 x 6 mm² - 60 m,
5 x 4 mm² - 60 m, 5 x 2,5 mm² - 80 m



Sample configurations			
Cable extenders SOLID LINE	Catalogue No.: B.1140-30 Sockets: 2x16A/5p, 2x250V Thermal protection x1 Max power - wire rolled-up: 5000W Max power - wire unrolled: 11000W Wire: H07RNF - 5x2,5mm ² Length: 30 m Plug: 16A/5p	Catalogue No.: B.1141-15 (15 m) / B.1141-20 (20 m) B.1141-25 (25 m) / B.1141-30 (30 m) Sockets: 2x32A/5p, 2x250V Thermal protection x2 Max power - wire rolled-up: 2x4000W Max power - wire unrolled: 2x9000W Wire: H07RNF - 5x4mm ² Plug: 32A/5p	Catalogue No.: B.1142-30 Sockets: 1x32A/5p, 1x16A/5p, 2x250V Thermal protection x2 Max power - wire rolled-up: 2x4000W Max power - wire unrolled: 2x9000W Wire: H07RNF - 5x4mm ² Length: 30 m Plug: 32A/5p
Empty cable reels SOLID LINE	Catalogue No.: B.3000-470RT Sockets: 2x16A/5p, 2x250V Thermal protection x1	Catalogue No.: B.3001-470RT Sockets: 2x32A/5p, 2x250V Thermal protection x2	Catalogue No.: B.3002-470RT Sockets: 1x32A/5p, 1x16A/5p, 2x250V Thermal protection x2

CABLE REELS - DIMENSIONS



Cat. number	Dimensions [mm]			
	C	B	ØBW	ØBZ
B.1116-300 RT	390	140	115	300
B.1115-250 GZRT	330	140	120	250
B.1120-R	390	160	125	300
B.1100	410	150	205	340
B.1101-R				
B.1101-RT				
B.2001-340RT				
B.1110-340RT				
B.1104-340RT	670	210	240	480
B.2000-340RT				
SERIA SOLID LINE				

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

GZ-16 SOCKET WITH GROUNDING

 NORM PN-IEC 60884-1

GZ-16 IP67 Socket with grounding


- Ergonomic, durable, esthetic manufacturing
- 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



Socket GZ-16
IP67 with grounding
● D.3146
● D.3146S

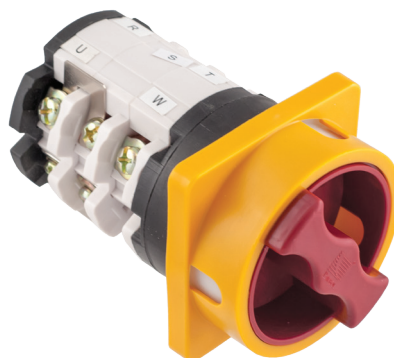
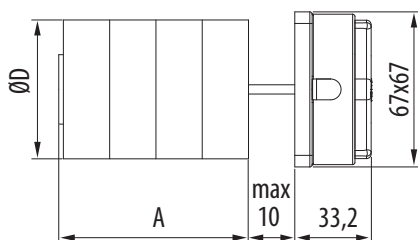


Socket GZ-16
IP54 with grounding
● D.3153
● D.3153S

Catalogue Number	Type	Standard	Dimensions [mm]	IP	Voltage [V]	Current [A]	 #
D.3146	Socket GZ-16 IP67 with grounding	French	61 / 45 / 70,5	IP67	250	16	25
D.3146S	Socket GZ-16 IP67 with grounding	SCHUKO	61 / 45 / 70,5	IP67	250	16	25
D.3153	Socket GZ-16 IP54 with grounding	French	50 / 40 / 60	IP54	250	16	25
D.3153S	Socket GZ-16 IP54 with grounding	SCHUKO	50 / 40 / 60	IP54	250	16	25

CAM SWITCHES L-0-P AND 0-1


 NORM PN-EN 60947



Cam switches L-0-P

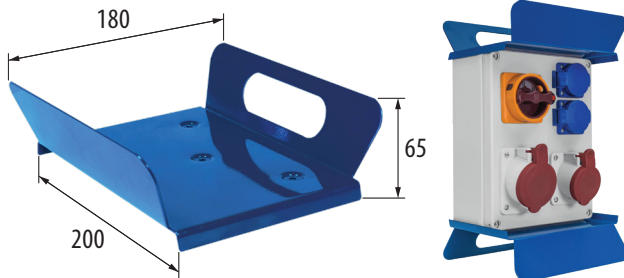


Cam switches 0-1

Catalogue number	B.1020	B.1020-25	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
Dimension A	81 mm	62,5 mm	65 mm	51,5 mm
Dimension ØD	59 mm	40 mm	59 mm	40 mm
 #	1	1	1	1

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 - color RAL 5019
- 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
- Product is compliant with norm: PN-EN 61439-1

Internal discs 230V, SOCKETS 250V/16A

IP44	4x16A/~230V	3600W	THERMAL SWITCH	# 1
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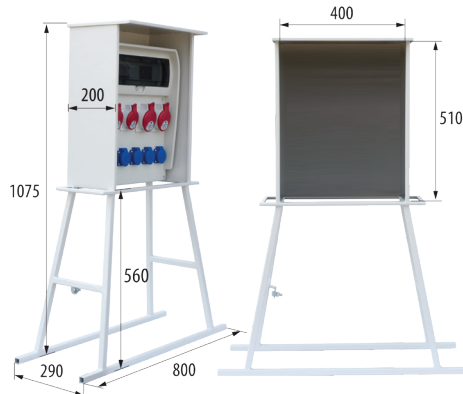


NORM PN-EN 61242

B.1000B

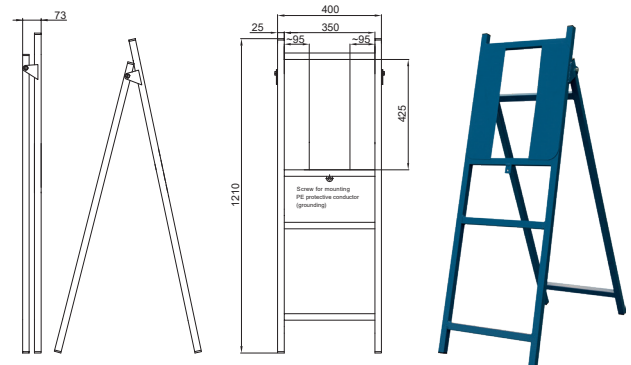
B.1000A (French)
B.1000 (SCHUKO)

Steel stand for distribution boxes 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 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 (grounding)
- 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), mounting: 4 screws

External dimensions:
width: 160,7 mm / height: 89,6 mm / depth: 23 mm

Inspection window S-4



B.S-4

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

External dimensions:
width: 88,7 mm / height: 89,6 mm / depth: 23 mm

Handle for distribution boxes



PS0130

This product is available only with dedicated distribution boxes in Pawbol S.A. offer

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

CONNECTING EQUIPMENT

 NORM PN-IEC 60884-1



● D.3157L ● D.3157SL



● D.3149



● D.3157




● D.3158L



● D.3148



● D.3158

Catalogue No.	Description	Type	Standard	IP	Grounding	Voltage [V]	Current [A]	 #
D.3157L	Rubber cover socket	Socket	French	IP44	✓	250 V	16 A	1
D.3157SL	Rubber cover socket	Socket	SCHUKO	IP44	✓	250 V	16 A	1
D.3149	Rubber cover socket IP65	Socket	French	IP65	✓	250 V	16 A	1
D.3157	Rubber cover socket	Socket	French	IP44	✓	250 V	16 A	1
D.3158L	Rubber cover plug	Plug	UNI-SCHUKO	IP44	✓	250 V	16 A	1
D.3148	Rubber cover plug IP65	Plug	French	IP65	✓	250 V	16 A	1
D.3158	Rubber cover plug	Plug	UNI-SCHUKO	IP44	✓	250 V	16 A	1

CONNECTING EQUIPMENT



NORM PN-IEC 60884-1 PN-IEC 60884-2-5



● D.3159/2 ● D.3159/2-S



● D.3159/3 ● D.3159/3-S



● D.3159/4 ● D.3159/4-S



● D.3159/2-3 ● D.3159/2-5



● D.3159/3-3 ● D.3159/3-5



● D.3159/4-3 ● D.3159/4-5




● D.3156 ● D.3156S



● D.3174-5 ● D.3174-10

Catalogue No.	Description	Number of sockets	Standard	IP	Wire	Voltage [V]	Current [A]	#
D.3159/2	2x sockets rubber strip 2x2P+Z	2	French	IP44	-	250 V	16 A	1
D.3159/2-S	2x sockets rubber strip 2x2P+Z	2	SCHUKO	IP44	-	250 V	16 A	1
D.3159/3	3x sockets rubber strip 3x2P+Z	3	French	IP44	-	250 V	16 A	1
D.3159/3-S	3x sockets rubber strip 3x2P+Z	3	SCHUKO	IP44	-	250 V	16 A	1
D.3159/4	4x sockets rubber strip 4x2P+Z	4	French	IP44	-	250 V	16 A	1
D.3159/4-S	4x sockets rubber strip 4x2P+Z	4	SCHUKO	IP44	-	250 V	16 A	1
D.3159/2-3	2x sockets rubber strip 2x2P+Z with wire 3m	2	French	IP44	3 m	250 V	16 A	1
D.3159/2-5	2x sockets rubber strip 2x2P+Z with wire 5m	2	French	IP44	5 m	250 V	16 A	1
D.3159/3-3	3x sockets rubber strip 3x2P+Z with wire 3m	3	French	IP44	3 m	250 V	16 A	1
D.3159/3-5	3x sockets rubber strip 3x2P+Z with wire 5m	3	French	IP44	5 m	250 V	16 A	1
D.3159/4-3	4x sockets rubber strip 4x2P+Z with wire 3m	4	French	IP44	3 m	250 V	16 A	1
D.3159/4-5	4x sockets rubber strip 4x2P+Z with wire 5m	4	French	IP44	5 m	250 V	16 A	1
D.3156	Three way socket	3	French	IP44	-	250 V	16 A	1
D.3156S	Three way socket	3	SCHUKO	IP44	-	250 V	16 A	1
D.3174-5	3-way connector with plug and wire H05RR-F3x1,5	3	French/SCHUKO	IP44	5 m	250 V	16A / max 3000W	1
D.3174-10	3-way connector with plug and wire H05RR-F3x1,5	3	French/SCHUKO	IP44	10 m	250 V	16A / max 3000W	1

THREE-PHASE EXTENSION LEAD

 NORM PN-EN 61316:2003, PN-EN 516 S2:2003, PN-EN 50581:2013

Three-phase extension lead
16A, IP44, 5x2,5 mm²



H05RR-F5x2,5 RUBBER	Length	Plug	Socket
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 mm²



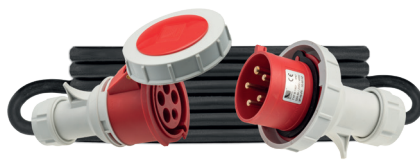
H05RR-F5x2,5 RUBBER	Length	Plug	Socket
B.1134-30_IP65	30 [m]	16A/5p	16A/5p
B.1134-40_IP65	40 [m]	16A/5p	16A/5p
B.1134-50_IP65	50 [m]	16A/5p	16A/5p

Three-phase extension lead
32A, IP44, 5x4 mm²



H05RR-F5x4 RUBBER	Length	Plug	Socket
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 mm²



H05RR-F5x4 RUBBER	Length	Plug	Socket
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 mm²



H05RR-F5x10 RUBBER	Length	Plug	Socket
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 mm²



H05RR-F5x6 RUBBER	Length	Plug	Socket
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 mm²



H05RR-F5x6 RUBBER	Length	Plug	Socket
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

At the customer's request, we make power extension cords according to any feasible specification, taking into account the types of plugs and portable sockets as well as the length and parameters of the cable.

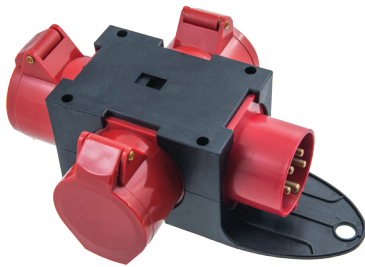
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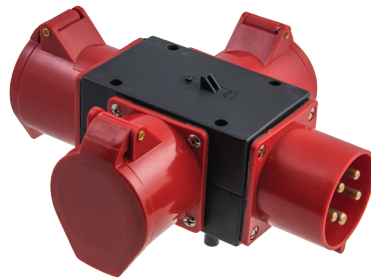
~400V

IP44

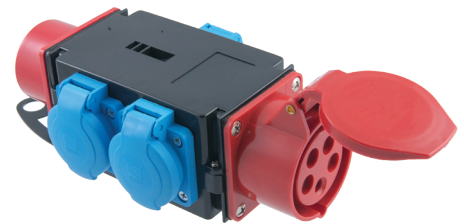
PORTABLE SWITCHGEAR R-BOX MINI



B.MINI-1



B.MINI-2



B.MINI-3

SCHUKO
B.MINI-3S

Portable switchgear	Sockets 400V	Socket 250V	Plugs	Current	Voltage	Dimensions	Norm	Remarks
B.MINI-1	3x16A/5p	-	1x16A/5p	16A	~400V	236x87x164	PN-EN 60309-1	Handle for suspending
B.MINI-2	3x32A/5p	-	1x32A/5p	32A	~400V	234x100x201	PN-EN 60309-1	-
B.MINI-3	1x16A/5p	3x16A/250V French	1x16A/5p	16A	~400V	265x87x132	PN-EN 60309-1 PN-EN 50250	Handle for suspending
B.MINI-3S	1x16A/5p	3x16A/250V SCHUKO	1x16A/5p	16A	~400V	265x87x132		Handle for suspending

WITH PROTECTION

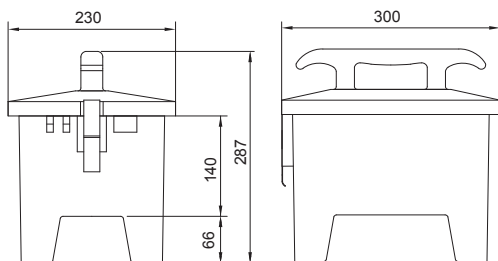
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ABS

~400V

40A

MULTI-BOX 12S



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
- Operating Temperature: -25°C - 60°C
- Protection class: IP 44 / IP65
- Rated voltage: 400 V
- Rated current: 40 A
- Frequency: 50-60 Hz
- Norm: PN-EN 61439-1, PN-EN 61439-3

Catalogue No.	B.MULTI-12S-1	B.MULTI-12S-2	B.MULTI-12S-3	B.MULTI-12S-4	B.MULTI-12S-5
Input	Wire 0W5x4 mm ² Length 2 m + plug 32A/5p	Wire 0W5x4 mm ² Length 2 m + plug 32A/5p	Receiver plug 32A/5p	Wire 0W5x4 mm ² Length 2 m + plug 32A/5p	Wire 0W5x4 mm ² Length 2 m + plug 32A/5p
Output	1x32A/5p 2x16A/5p 3x250V	1x32A/5p 3x16A/5p 3x250V	1x32A/5p 2x16A/5p 3x250V	2x32A/5p 2x16A/5p 3x250V	4x16A/5p 3x250V
Current 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 2xC16/1 4/40/0,03	C32/3 C16/3 C16/1 4/40/0,03	C16/3 C16/1 4/40/0,03


BOARD SOCKETS, OBLIQUE

PA


 NORM PN-EN 60309-1



B.1056


16A/~400V	IP44	5p	 # 1/12
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B.1055


16A/~400V	IP44	4p	 # 1/12
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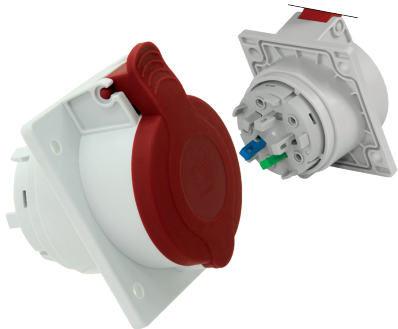


B.1058

32A/~400V	IP44	5p	 # 1/12
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B.1057

32A/~400V	IP44	4p	 # 1/12
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GSTsz - Board socket
quick connection

B.1056SZ


16A/~400V	IP44	5p	 # 1/12
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B.1920


16A/~250V	IP67	3p	 # 1/20
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B.1921


32A/~250V	IP67	3p	 # 1/15
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B.1927


16A/~250V	IP44	3p	 # 1/10
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B.1928

32A/~250V	IP44	3p	 # 1/10
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B.1054


63A/~400V	IP67	5p	 # 1/4
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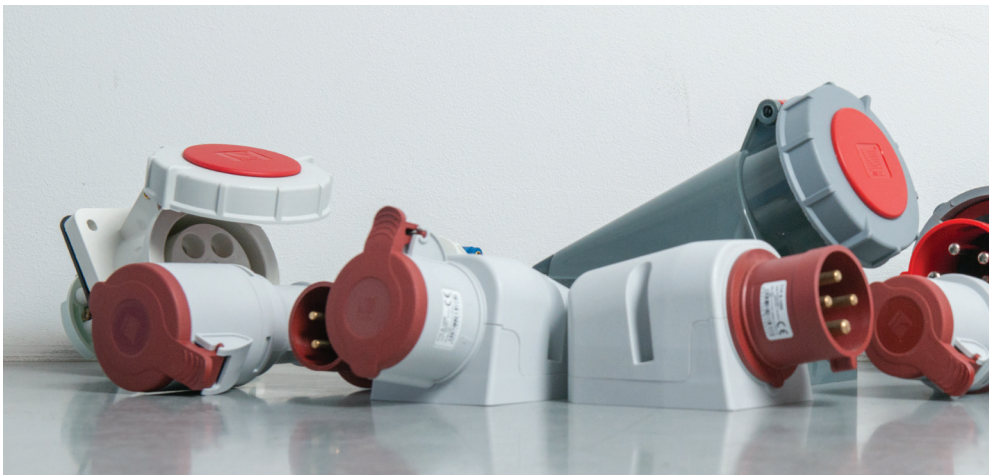


B.1905

16A/~400V	IP44	5p	 # 1/15
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B.1909

32A/~400V	IP44	5p	 # 1/15
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PA


STATIONARY POWER SOCKETS

 NORM PN-EN 60309-1


B.1036


16A/~400V	IP44	5p	 # 6
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B.1035


16A/~400V	IP44	4p	 # 6
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B.1038

32A/~400V	IP44	5p	 # 6
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B.1037

32A/~400V	IP44	4p	 # 6
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GSsz - Power socket,
quick connection

B.1036SZ


16A/~400V	IP44	5p	 # 1/9
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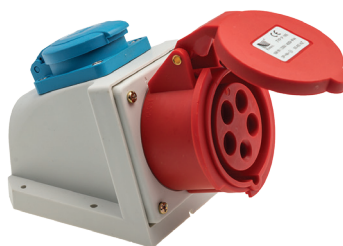


B.1938



16A/~400V	IP67	5p	 # 1/10
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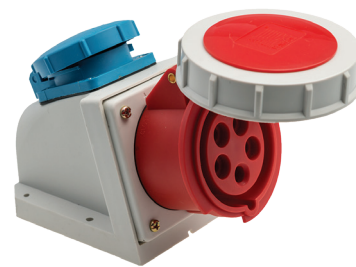
B.1939

32A/~400V	IP67	5p	 # 1/10
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B.1942 Socket Kombi 16A IP44

16A ~400V ~250V	IP44	~250V 	5p	 # 1
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B.1943 Socket Kombi 16A IP67

16A ~400V ~250V	IP67	~250V 	5p	 # 1
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B.1048

63A/~400V	IP67	5p	 # 1/2
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B.1911


125A/~400V	IP67	5p	 # 1/2
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PORTABLE SOCKETS

PA


 NORM PN-EN 60309-1


B.1040

16A/~400V	IP44	5p	 # 1/12
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B.1042


32A/~400V	IP44	5p	 # 1/9
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GSPsz Portable socket
quick connection


B.1039

16A/~400V	IP44	4p	 # 1/12
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B.1041


32A/~400V	IP44	4p	 # 1/9
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B.1040SZ

16A/~400V	IP44	5p	 # 1/12
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B.1924

16A/~250V	IP67	3p	 # 1/10
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B.1925

32A/~250V	IP67	3p	 # 1/10
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B.1052

63A/~400V	IP67	5p	 # 1/2
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


B.1934

16A/~400V	IP67	5p	 # 1/10
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B.1935

32A/~400V	IP67	5p	 # 1/10
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B.1929

125A/~400V	IP67	5p	 # 1/2
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PA

STATIONARY AND BOARD POWER PLUGS



NORM PN-EN 60309-1



B.1087

16A/~400V	IP44	5p	☐ # 1/6
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B.1089

32A/~400V	IP44	5p	☐ # 1/6
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B.1918

16A/~250V	IP67	3p	☐ # 1/20
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B.1086

16A/~400V	IP44	4p	☐ # 1/6
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B.1088

32A/~400V	IP44	4p	☐ # 1/6
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B.1919

32A/~250V	IP67	3p	☐ # 1/20
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B.1930

16A/~400V	IP44	5p	☐ # 1/10
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B.1915

16A/~400V	IP67	5p	☐ # 1/20
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B.1926

63A/~400V	IP67	5p	☐ # 1/10
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B.1931

32A/~400V	IP44	5p	☐ # 1/10
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B.1917

32A/~400V	IP67	5p	☐ # 1/20
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MOVABLE POWER PLUGS

PA


 NORM PN-EN 60309-1

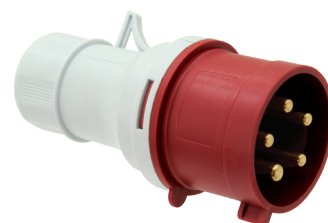

B.1030

16A/~400V	IP44	5p	 # 14
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
B.1032

32A/~400V	IP44	5p	 # 10
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


WSsz - Movable power plugs,
Quick connections


B.1030SZ

16A/~400V	IP44	5p	 # 1/14
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B.1029


16A/~400V	IP44	4p	 # 14
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B.1031

32A/~400V	IP44	4p	 # 10
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B.1922

16A/~250V	IP67	3p	 # 1/10
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B.1923

32A/~250V	IP67	3p	 # 1/10
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


B.1050

63A/~400V	IP67	5p	 # 1/2
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B.1903

16A/~400V	IP67	5p	 # 1/10
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B.1907

32A/~400V	IP67	5p	 # 1/10
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B.1913

125A/~400V	IP67	5p	 # 1/2
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IK08

PG16

ABS

IP44

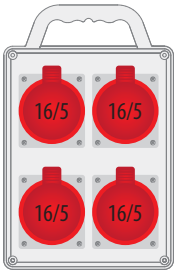
☑ # 1

R-BOX SLIM

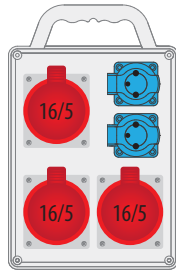
Distribution box also available with protection



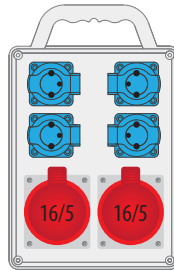
NORM PN-EN 61439-1, PN-EN 61439-3



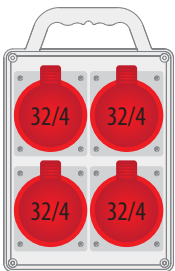
B.SLIM-2



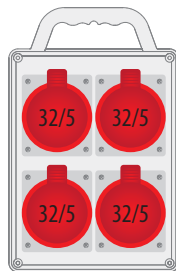
B.SLIM-4



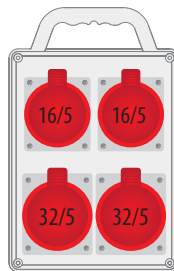
B.SLIM-6



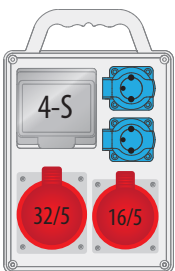
B.SLIM-7



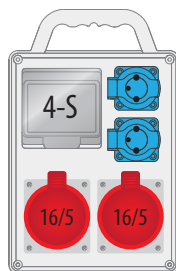
B.SLIM-8



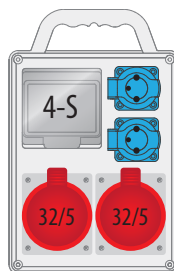
B.SLIM-10



B.SLIM-4S-2



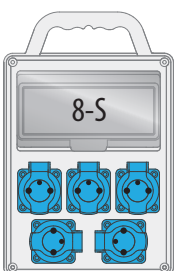
B.SLIM-4S-4



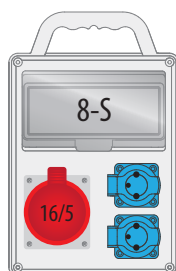
B.SLIM-4S-6

On customer request,
all distribution boxes can be made
in any possible configuration.

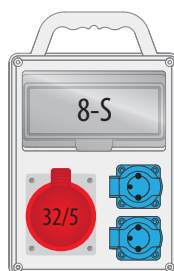
B.SLIM-, B.SLIM-4S-, B.SLIM-8S-
available in a version with a handle
or without handle (index marking
with "BR" at the end)



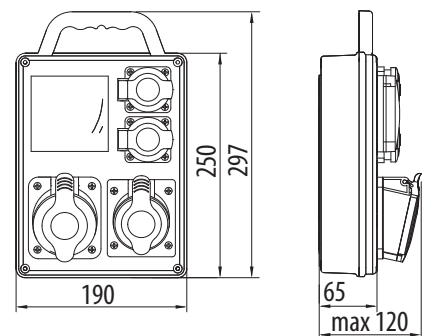
B.SLIM-8S-1



B.SLIM-8S-3



B.SLIM-8S-5



R-BOX SLIM-6

IP44

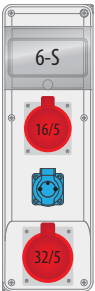
ABS

PG21

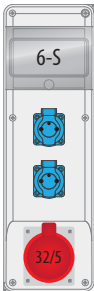
IK08

1

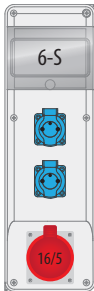
NORM PN-EN 61439-1, PN-EN 61439-3 Distribution box also available with protection



B.SLIM-6S-1



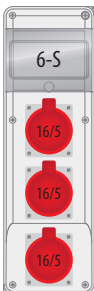
B.SLIM-6S-2



B.SLIM-6S-3



B.SLIM-6S-5



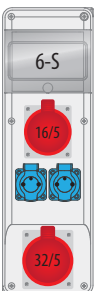
B.SLIM-6S-6



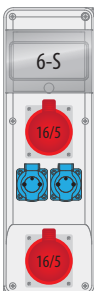
B.SLIM-6S-7

On customer request,
all distribution boxes can be made
in any possible configuration.

Distribution box contain
suitable PG cable gland included.



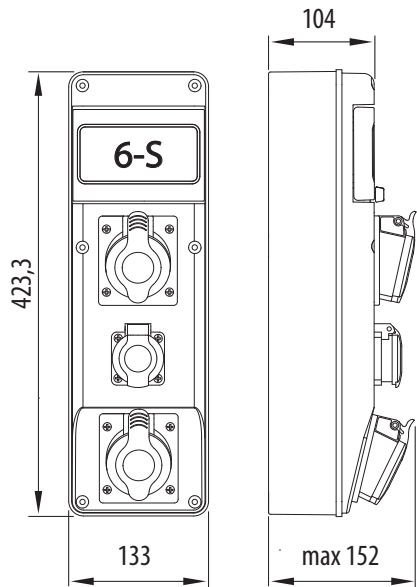
B.SLIM-6S-14



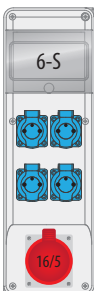
B.SLIM-6S-15



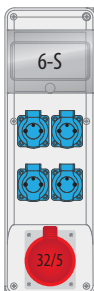
B.SLIM-6S-26



B.SLIM-6S-27



B.SLIM-6S-28



B.SLIM-6S-29

IP44

ABS

PG21

IK08

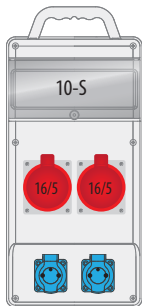
☑ # 1

R-BOX SLIM-10

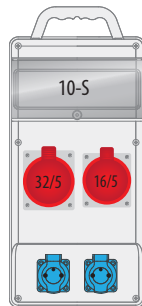
Distribution box also available with protection



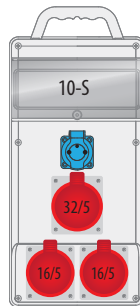
NORM PN-EN 61439-1, PN-EN 61439-3



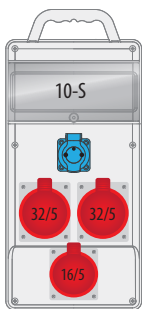
B.SLIM-10S-2



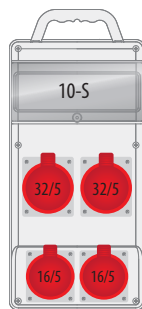
B.SLIM-10S-3



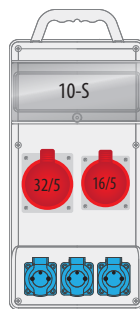
B.SLIM-10S-4



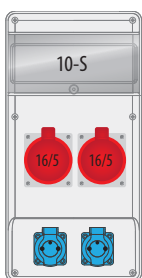
B.SLIM-10S-5



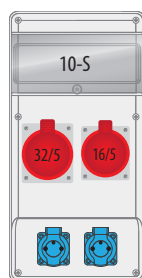
B.SLIM-10S-6



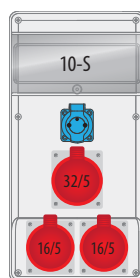
B.SLIM-10S-7



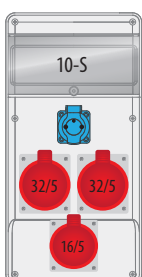
B.SLIM-10S-2BR



B.SLIM-10S-3BR



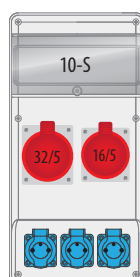
B.SLIM-10S-4BR



B.SLIM-10S-5BR



B.SLIM-10S-6BR

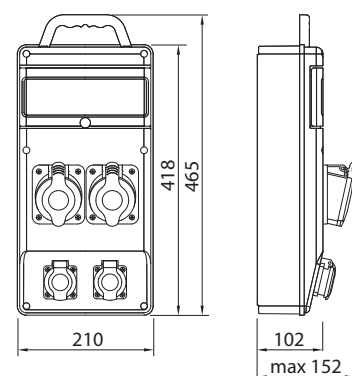


B.SLIM-10S-7BR



On customer request,
all distribution boxes can be made
in any possible configuration.

Distribution box contain
suitable PG cable gland included.



R-BOX 150

IP44

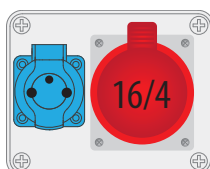
PS

PG16

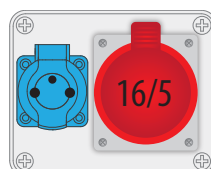
☞ # 1



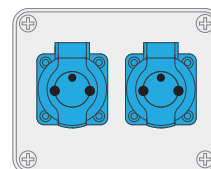
NORM PN-EN 61439-1, PN-EN 61439-3



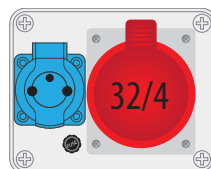
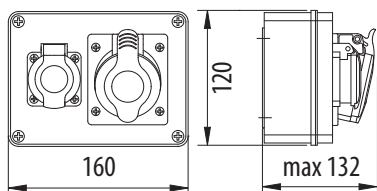
B.1202



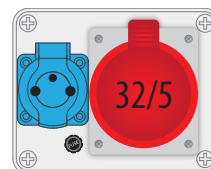
B.1091



B.1601



B.1206



B.1090

PICTOGRAMSSocket
32A / 5pSocket
32A / 4pSocket
16A / 5pSocket
16A / 4p

Cable gland

Socket
63A / 5pSwitch 0/1
On/OffSwitch L/P
Left/RightPlug 32A / 5p
with wire OW 5x4
2m lenghtPlug 16A / 5p
with wire OW 5x2,5
2m lenghtSocket
250V/16ASocket
250V/16AStandard:
French or
Schuko

IP44

PS

PG16

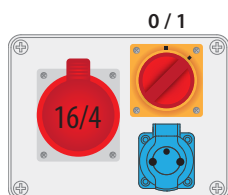
☞ # 1

R-BOX 190

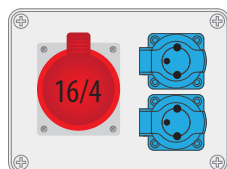
Distribution box also available with protection



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



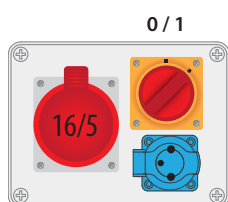
B.1210W



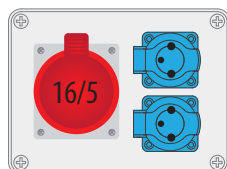
B.1227



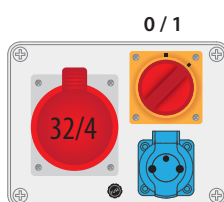
B.1224W



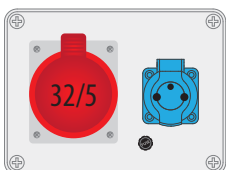
B.1093W



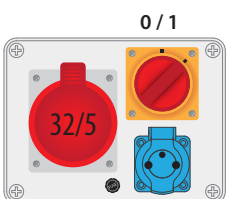
B.1602



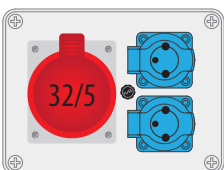
B.1207W



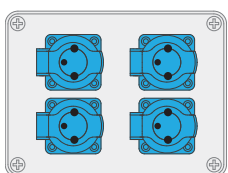
B.1215



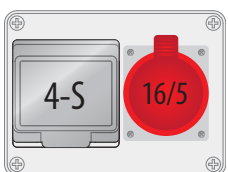
B.1092W



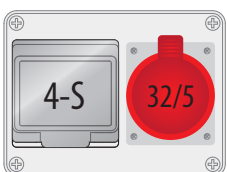
B.1603



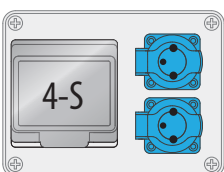
B.1203



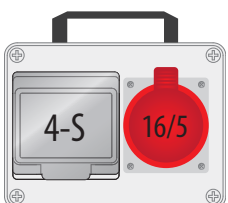
B.18.190-1



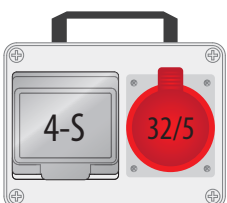
B.18.190-2



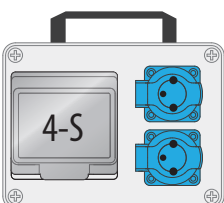
B.18.190-3



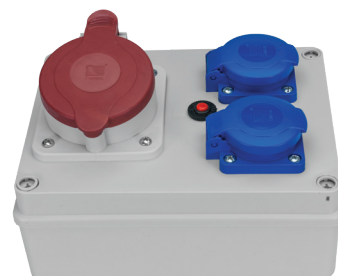
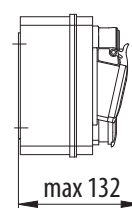
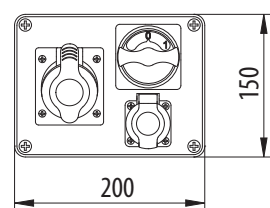
B.18.190-1R



B.18.190-2R



B.18.190-3R

Distribution box contain
suitable PG cable gland included.

R-BOX 240

IP44

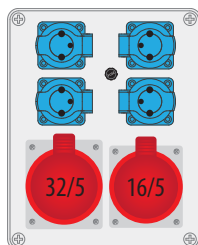
PS

PG16

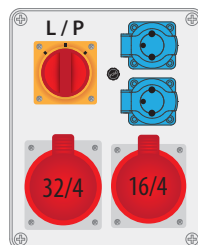
☞ # 1



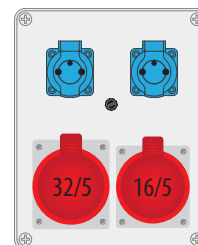
NORM PN-EN 61439-1, PN-EN 61439-3



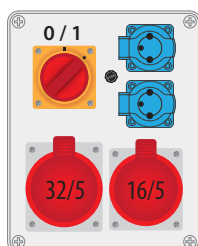
B.1100-02



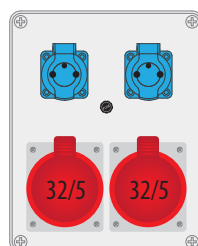
B.1615W



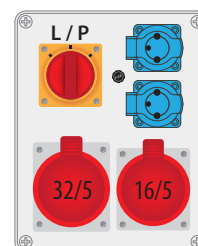
B.1098



B.1094W

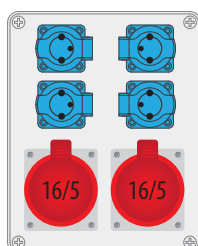


B.1099

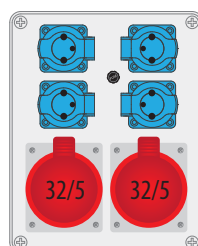


B.1095W

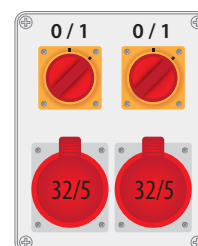
We recommend
steel bases
for distribution box
R-BOX 240



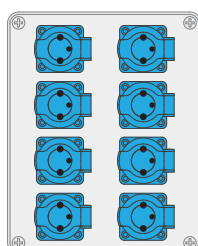
B.1096



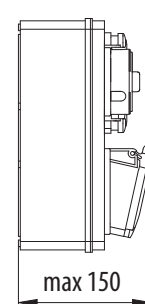
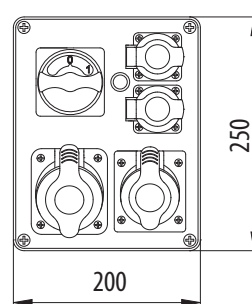
B.1627



B.1606W



B.1605



IP44

PS

PG16

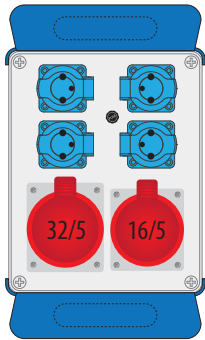
☞ # 1

R-BOX 240-PS / PS1

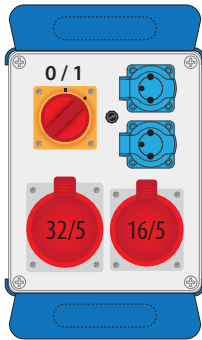
Distribution box also available with protection



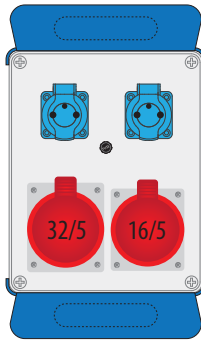
NORM PN-EN 61439-1, PN-EN 61439-3



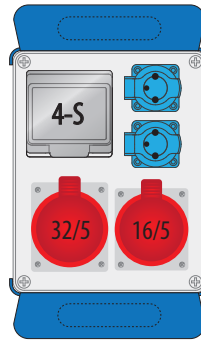
B.1100-02-PS



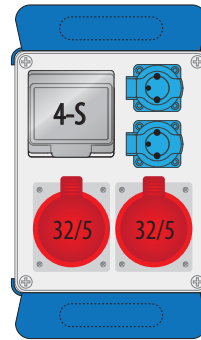
B.1094W-PS



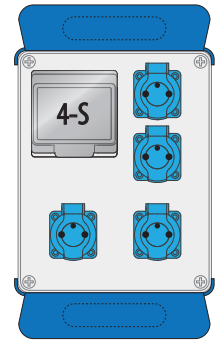
B.1098-PS



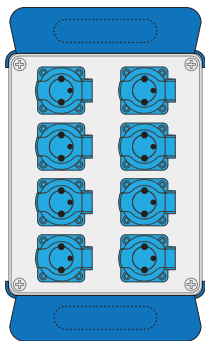
B.1701-PS



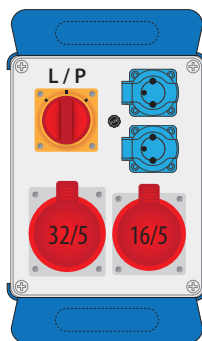
B.1703-PS



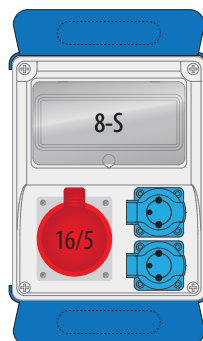
B.1713-PS



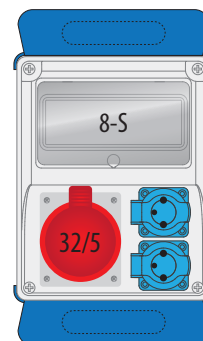
B.1605-PS



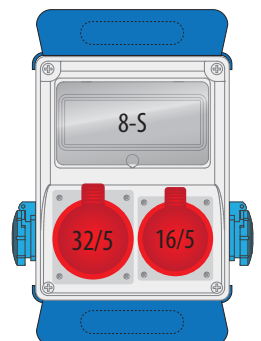
B.1095W-PS



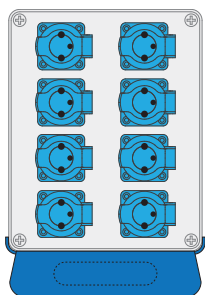
B.1801-PS



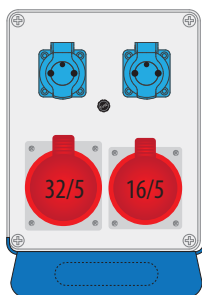
B.1802-PS



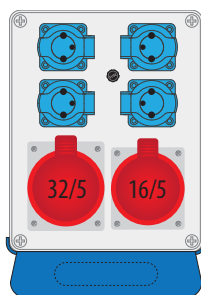
B.1810-PS



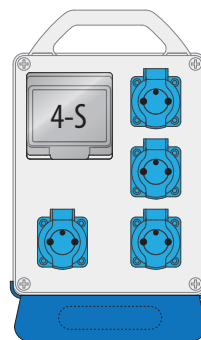
B.1605_PS1



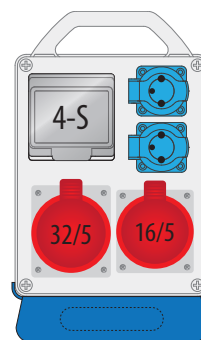
B.1098_PS1



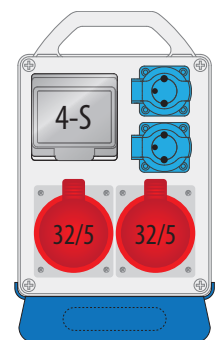
B.1100-02_PS1



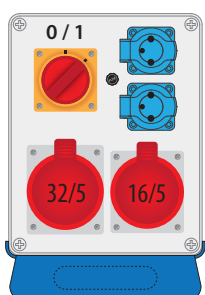
B.1713R_PS1



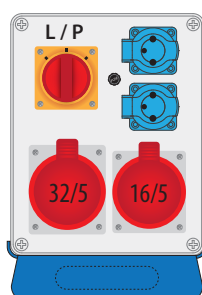
B.1701R_PS1



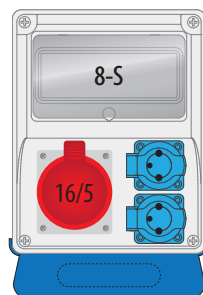
B.1703R_PS1



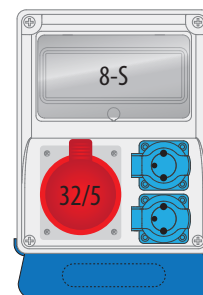
B.1094W_PS1



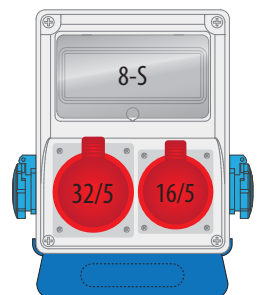
B.1095W_PS1



B.1801_PS1



B.1802_PS1



B.1810_PS1

R-BOX 300

IP44

PS

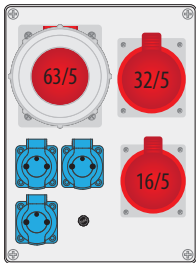
PG21

1

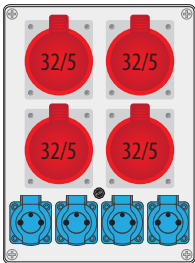
 NORM PN-EN 61439-1, PN-EN 61439-3



B.18.306W



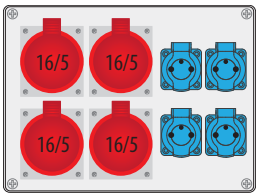
B.18.3168



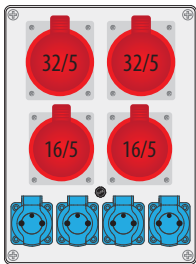
B.18.3151

Distribution box R-BOX 300 allows the installation of a large number of sockets with small dimensions.

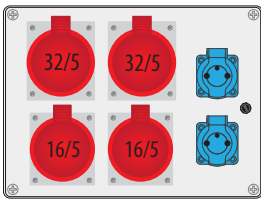
Distribution box is equipped with a special hinges connecting the cover and the base



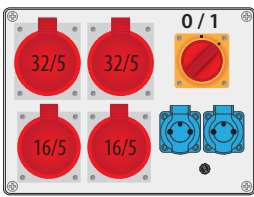
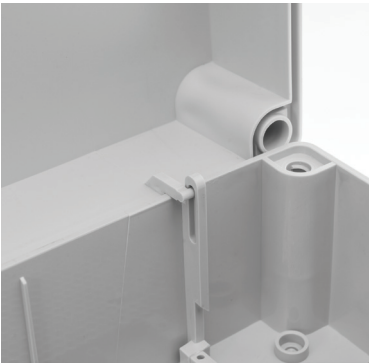
B.18.3138



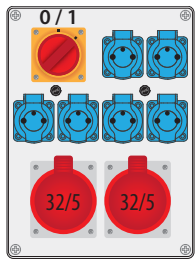
B.18.341



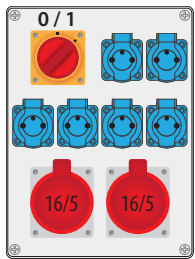
B.18.354



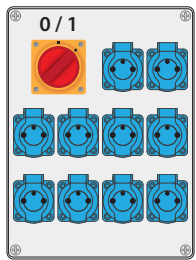
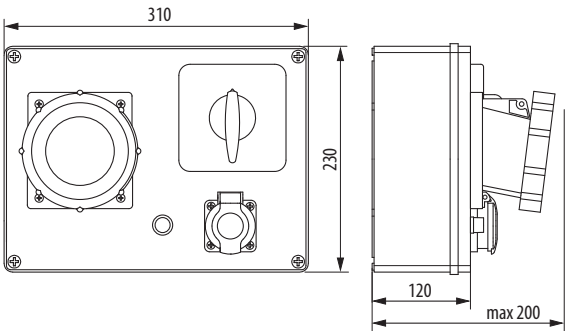
B.18.3180W



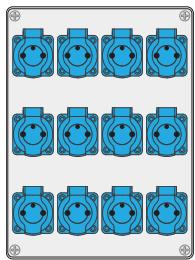
B.18.3169W



B.18.3181W



B.18.3127W



B.18.3172

IP44

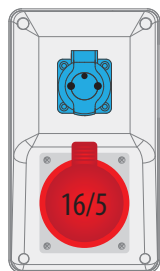
ABS

PG21

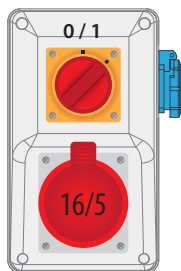
☞ # 1

R-BOX KOMPAKT

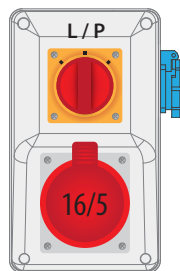
NORM PN-EN 61439-1, PN-EN 61439-3



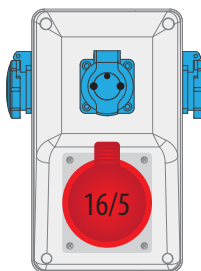
B.165/1



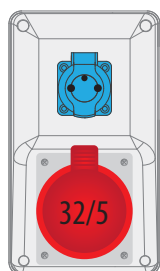
B.165/1/01



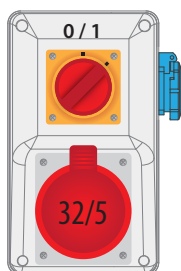
B.165/1/LP



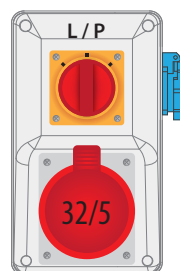
B.165/3



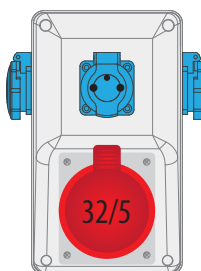
B.325/1



B.325/1/01



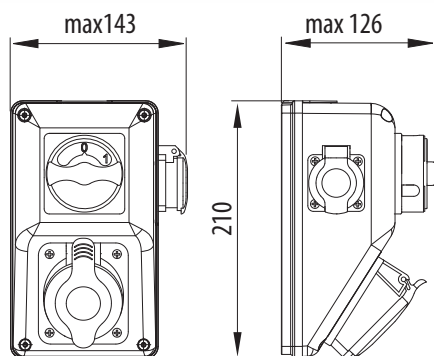
B.325/1/LP



B.325/3



- Space-saving compact design
- Professionally made - wired inside, ready for connection
- Security - Padlock Lock – switch in "0" position
- Many variants of implementation
- Thermal protection 16A

**Professional
workmanship****High
functionality**

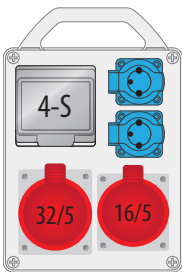
R-BOX 240R-4

IP44 PS PG16 

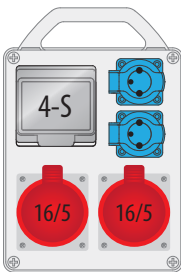
 NORM PN-EN 61439-1, PN-EN 61439-3 Distribution box also available with protection



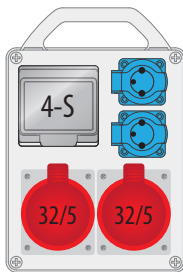
Distribution box also available in version without handle (index marking without "R" at the end)



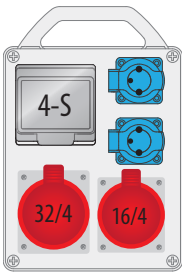
B.1701R



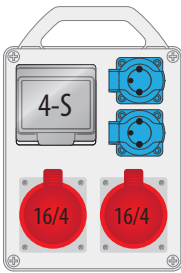
B.1702R



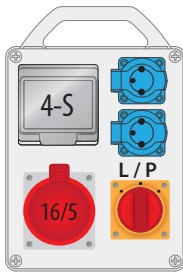
B.1703R



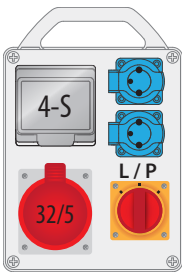
B.1704R



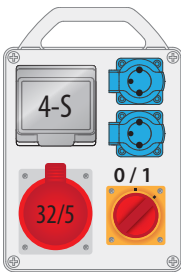
B.1705R



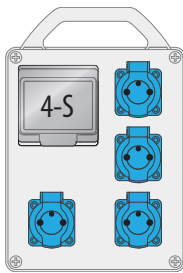
B.1708RW



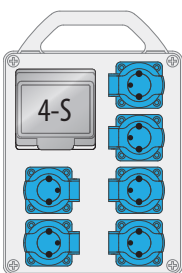
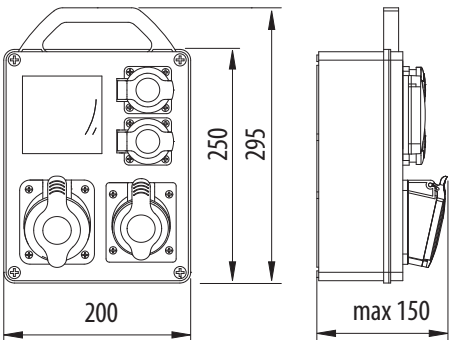
B.1709RW



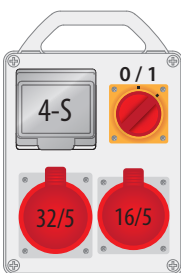
B.1711RW



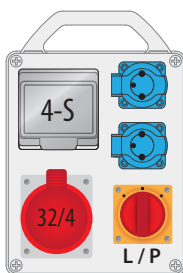
B.1713R



B.1721R



B.1728RW



B.1752RW

IP44

PS

PG16

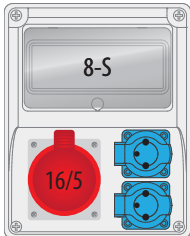
☞ # 1

R-BOX 240-8

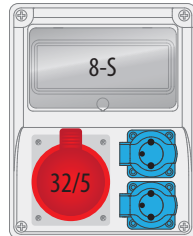
Distribution box also available with protection



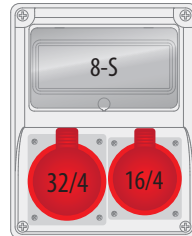
NORM PN-EN 61439-1, PN-EN 61439-3



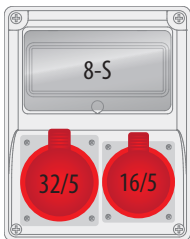
B.1801



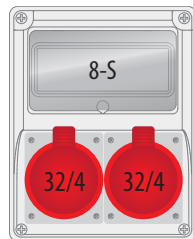
B.1802



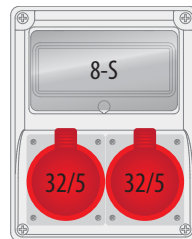
B.1803



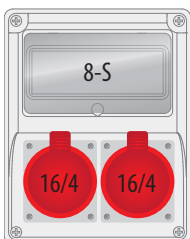
B.1804



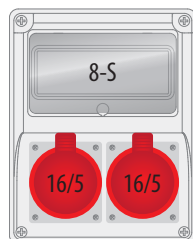
B.1805



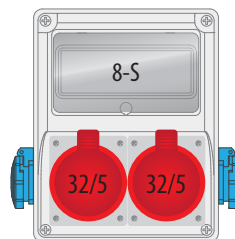
B.1806



B.1807



B.1808

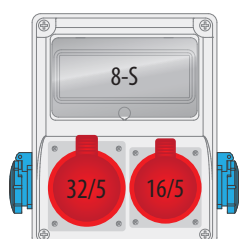


B.1809

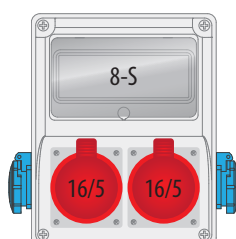


On customer request,
all distribution boxes can be made
in any possible configuration.

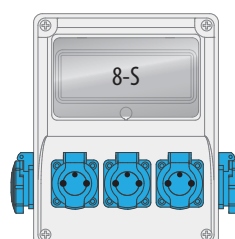
Distribution box contain
suitable PG cable gland included.



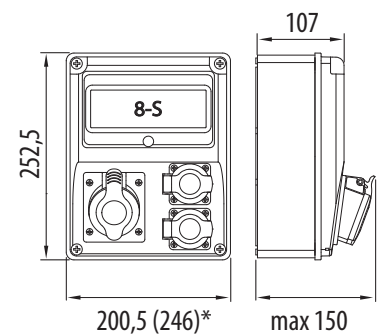
B.1810



B.1811



B.1812



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

R-BOX 300R-9

IP44

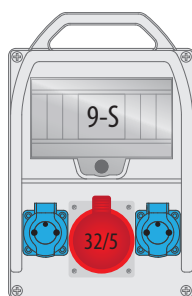
ABS

PG21

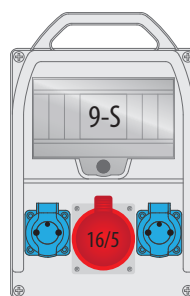
☞ # 1



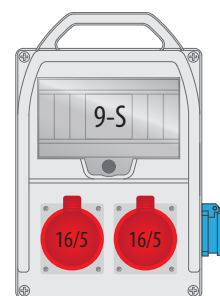
NORM PN-EN 61439-1, PN-EN 61439-3 Distribution box also available with protection



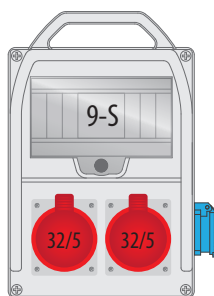
B.18.300-1



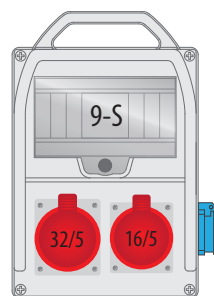
B.18.300-2



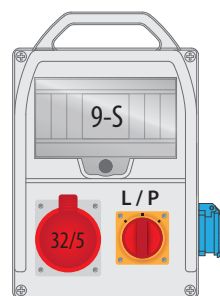
B.18.300-3



B.18.300-4



B.18.300-5

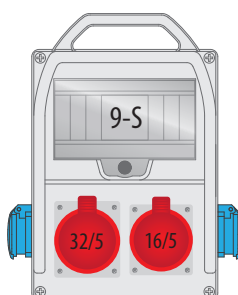


B.18.300-6W

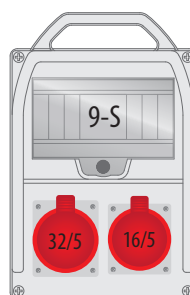
On customer request,
all distribution boxes can be made
in any possible configuration.

Distribution box contain
suitable PG cable gland included.

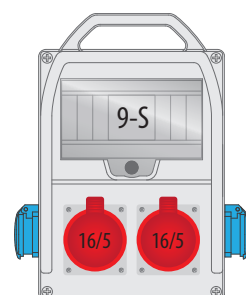
Distribution box also available
in version without handle
(index marking with "BR"
at the end)



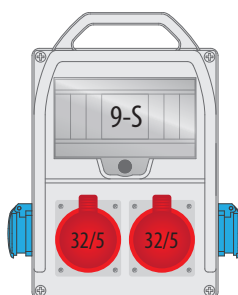
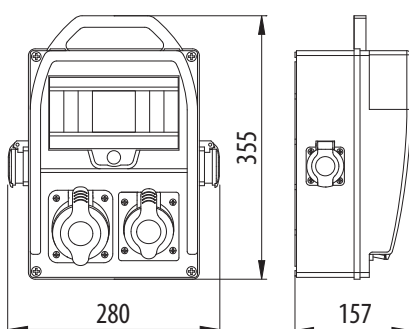
B.18.300-7



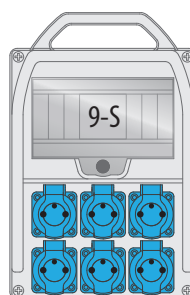
B.18.300-8



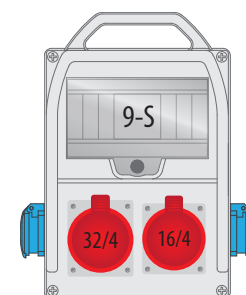
B.18.300-9



B.18.300-10



B.18.300-11



B.18.300-16

IP44

ABS

PG21

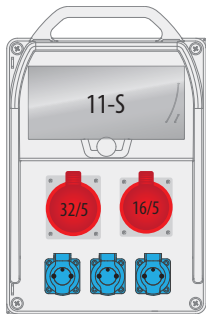
☞ # 1

R-BOX 382R-11

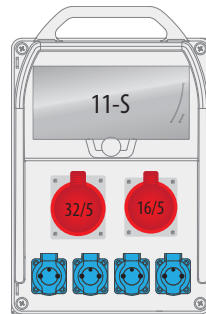
Distribution box also available with protection



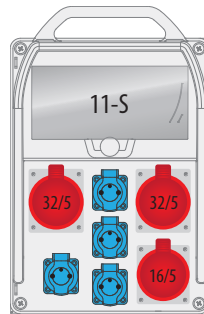
NORM PN-EN 61439-1, PN-EN 61439-3



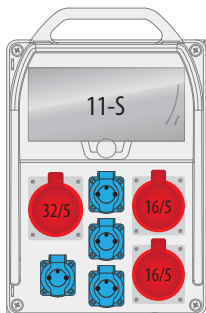
B.18.382-1



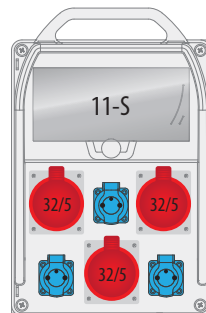
B.18.382-2



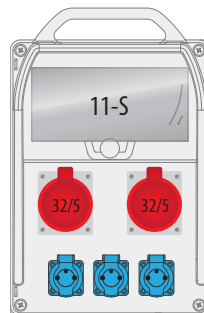
B.18.382-3



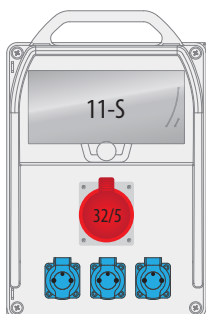
B.18.382-4



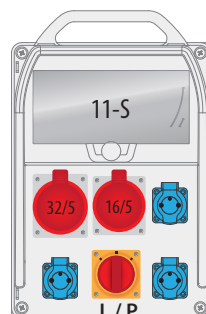
B.18.382-4S



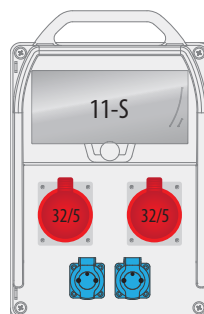
B.18.382-6



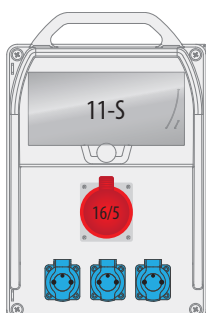
B.18.382-7



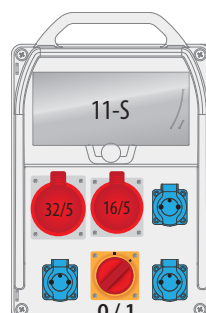
B.18.382-8W



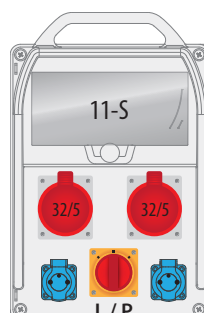
B.18.382-9



B.18.382-10



B.18.382-11W



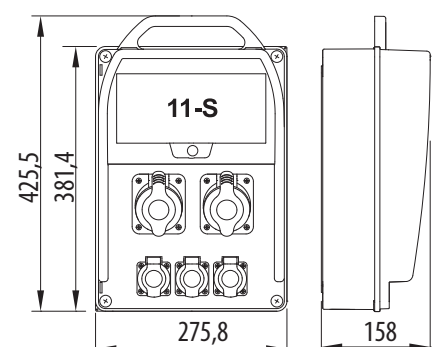
B.18.382-12W



On customer request,
all distribution boxes can be made
in any possible configuration.

Distribution box contain
suitable PG cable gland included.

Distribution box also available
in version without handle
(index marking with "BR"
at the end)



R-BOX 380R-13

IP44

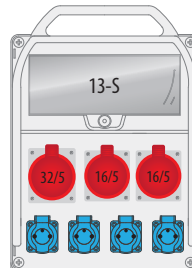
ABS

PG21

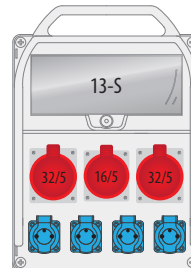
☞ # 1



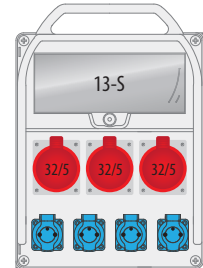
NORM PN-EN 61439-1, PN-EN 61439-3 Distribution box also available with protection



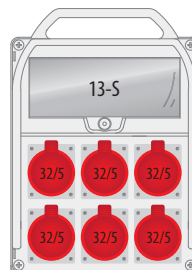
B.18.380-1



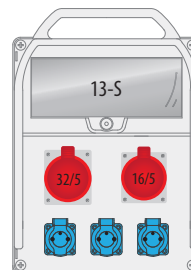
B.18.380-2



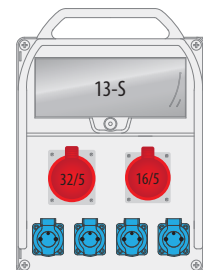
B.18.380-3



B.18.380-7



B.18.380-12

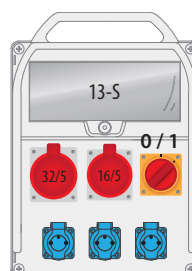


B.18.380-13

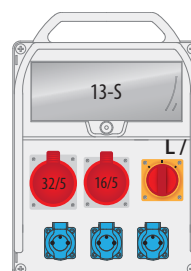
On customer request,
all distribution boxes can be made
in any possible configuration.

Distribution box contain
suitable PG cable gland included.

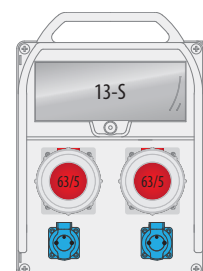
Distribution box also available
in version without handle
(index marking with "BR"
at the end)



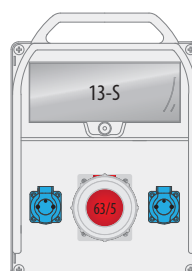
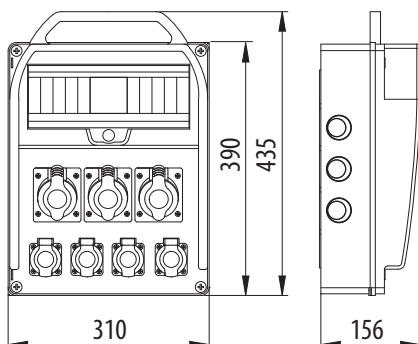
B.18.380-14W



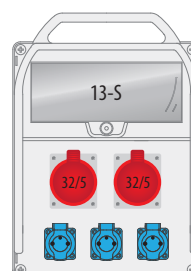
B.18.380-15W



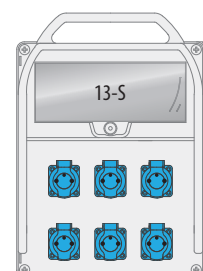
B.18.380-16



B.18.380-17



B.18.380-35



B.18.380-38

IK08

IP44

ABS

PG16

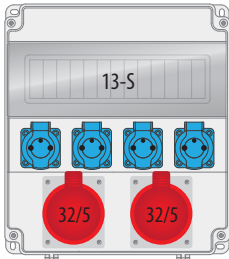
☞ # 1

R-BOX LUX 320R

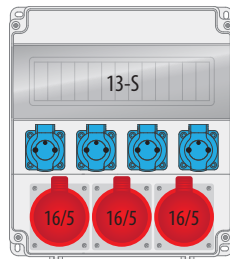
Distribution box also available with protection



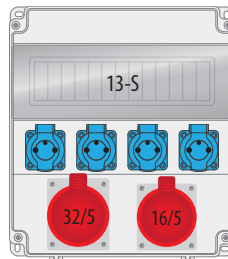
NORM PN-EN 61439-1, PN-EN 61439-3



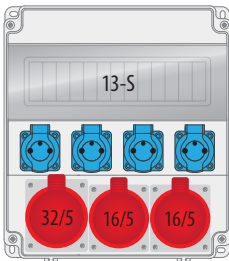
B.18.320-1



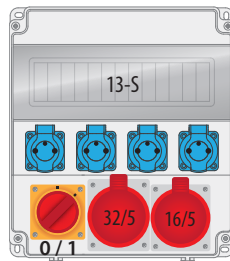
B.18.320-2



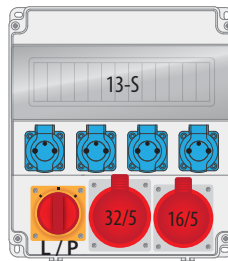
B.18.320-3



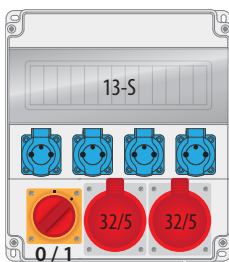
B.18.320-4



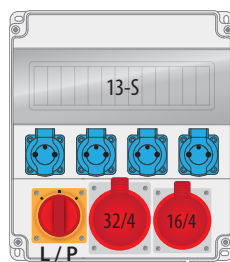
B.18.320-5W



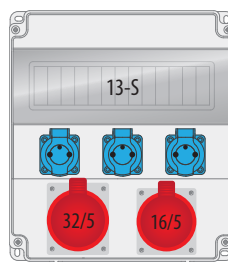
B.18.320-6W



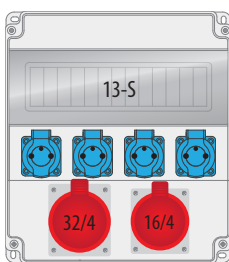
B.18.320-7W



B.18.320-8W



B.18.320-9



B.18.320-11

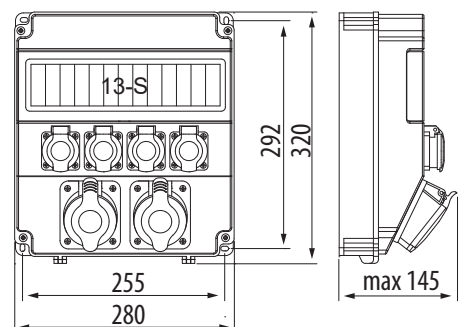


R-BOX LUX 320
have
a special
handle



On customer request,
all distribution boxes can be made
in any possible configuration.

Distribution box contain
suitable PG cable gland included.



R-BOX 460R-17

IP44

ABS

PG21

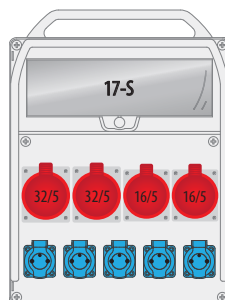
☞ # 1



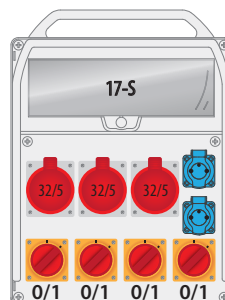
NORM PN-EN 61439-1, PN-EN 61439-3

Distribution box also available with protection

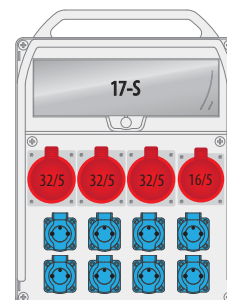
On customer request, all distribution boxes can be made in any possible configuration.
 Distribution box contain suitable PG cable gland included.
 Distribution box also available in version without handle
 (index marking with "BR" at the end).



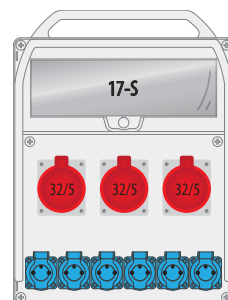
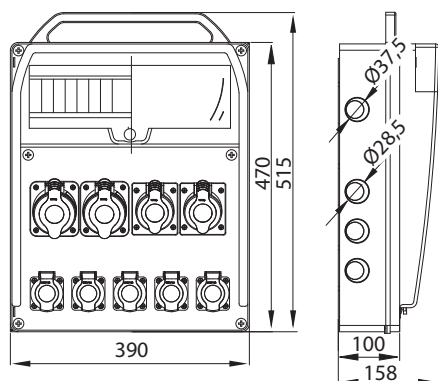
B.18.460-1



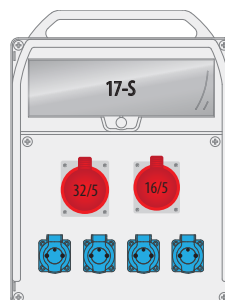
B.18.460-5W



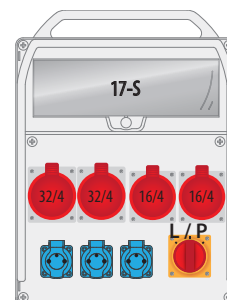
B.18.460-9



B.18.460-12



B.18.460-13

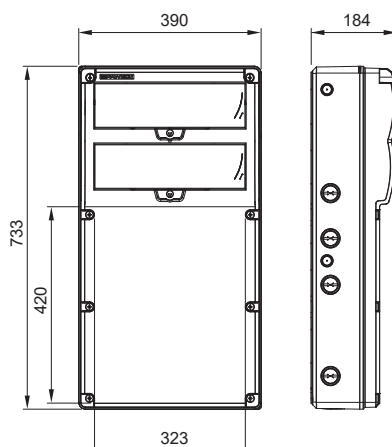


B.18.460-16W

**R-BOX 740 34S****NEW! COMING SOON TO OUR OFFER!**

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

Distribution box will also be available in a version with protection and a cable.



- Possibility to install 125A sockets and plugs
- IP65
- TH rails included
- Housing color: grey
- Smoky glass
- Housing material: ABS
- Damage resistance: IK07
- Working temperature: -25°C to +60°C
- Electrical protection class: II
- Weakening undercable glands from Ø21mm-Ø51mm
- Protective terminal strip mounting on a rail or screws
- Possibility of sealing

IP44

PS/ABS

Plug 5p

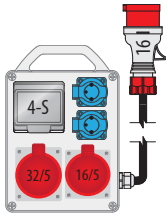
1

DISTRIBUTION BOX WITH 2m CABLE

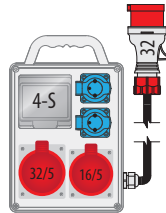
Distribution box also available with protection



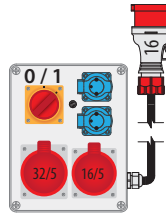
NORM PN-EN 61439-1, PN-EN 61439-3



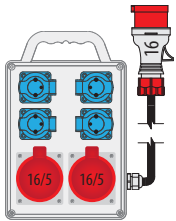
B.1701RP



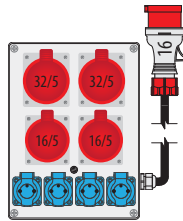
B.SLIM-4S-2P



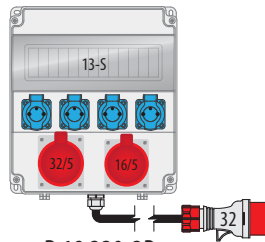
B.1094P



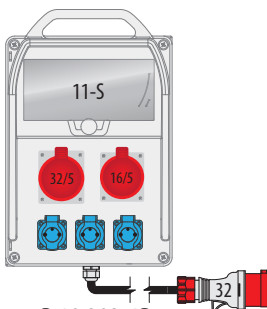
B.SLIM-6P



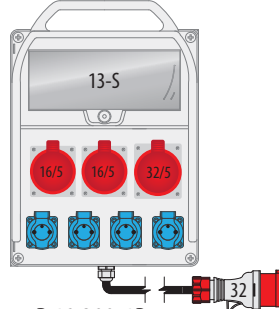
B.18.341P



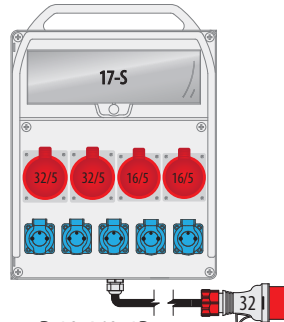
B.18.320-3P



B.18.382-1P



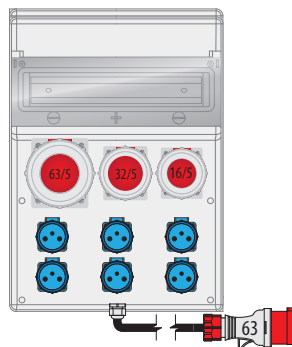
B.18.380-1P



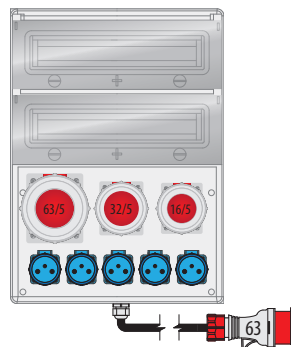
B.18.460-1P



B.MAX-11S-1P



B.MAX-16S-1P



B.MAX-32S-1P



Cable - standard length: 2m

All distribution boxes offered in this catalog are also available with wire and plug version.


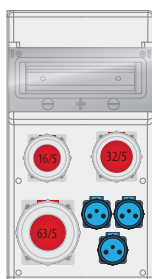
B.MAX-11S

IP65

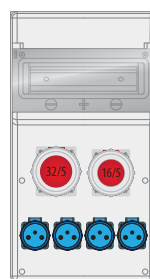
PS

PG21

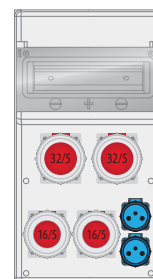
☞ # 1

 NORM PN-EN 61439-1, PN-EN 61439-3 Distribution box also available with protection


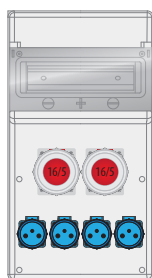
B.MAX-11S-1



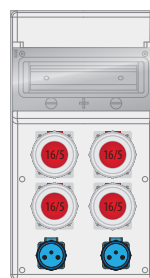
B.MAX-11S-2



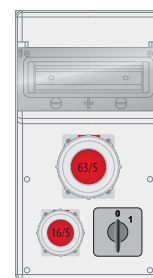
B.MAX-11S-3



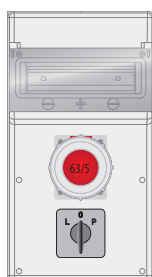
B.MAX-11S-4



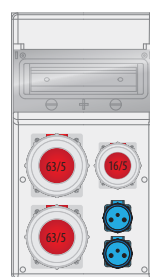
B.MAX-11S-5



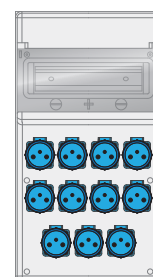
B.MAX-11S-6



B.MAX-11S-7



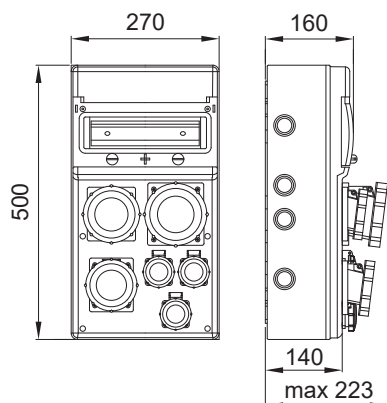
B.MAX-11S-8



B.MAX-11S-9

On customer request,
all distribution boxes can be made
in any possible configuration.

Distribution box contain
suitable PG cable gland included.



- TH rail included
- Glass color: transparent, housing color: grey
- Impact resistance degree: IK08
- Temperature resistance up to 650°C
- Operating Temperature: -25°C / +85°C
- Electrical protection class: II
- 18 weaknesses for glands - from Ø20mm-Ø40mm
- Housing: PS halogen free, UV Resistant
- Terminal strips adapted to assemble on TH-35 rail or with screws to base
- Possibility to lock the inspection window with a padlock



IP65

PS

PG21

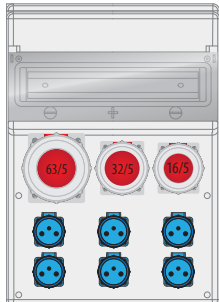
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B.MAX-16S

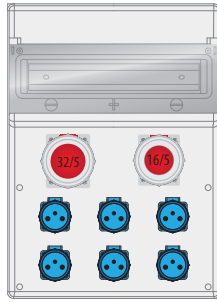
Distribution box also available with protection



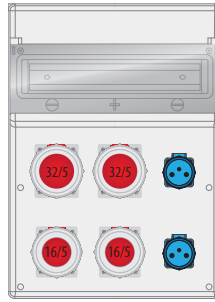
NORM PN-EN 61439-1, PN-EN 61439-3



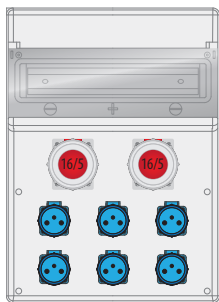
B.MAX-16S-1



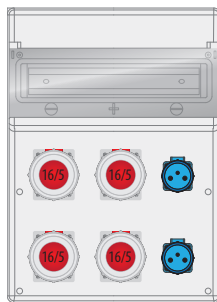
B.MAX-16S-2



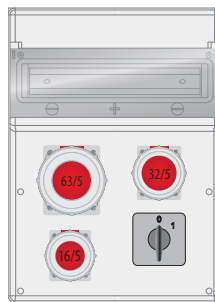
B.MAX-16S-3



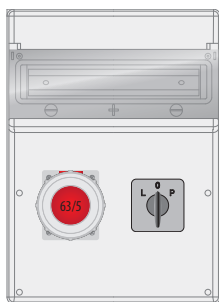
B.MAX-16S-4



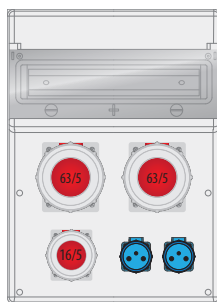
B.MAX-16S-5



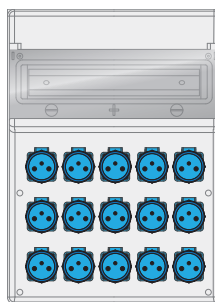
B.MAX-16S-6



B.MAX-16S-7



B.MAX-16S-8



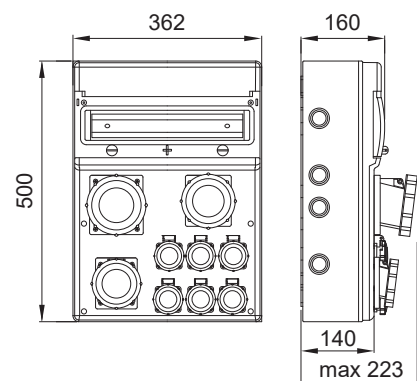
B.MAX-16S-9



On customer request,
all distribution boxes can be made
in any possible configuration.

Distribution box contain
suitable PG cable gland included.

- TH rail included
- Glass color: transparent, housing color: grey
- Impact resistance degree: IK08
- Temperature resistance up to 650°C
- Operating Temperature: -25°C / +85°C
- Electrical protection class: II
- 18 weaknesses for glands - from Ø20mm-Ø40mm
- Housing: PS halogen free, UV Resistant
- Terminal strips adapted to assemble on TH-35 rail or with screws to base
- Possibility to lock the inspection window with a padlock




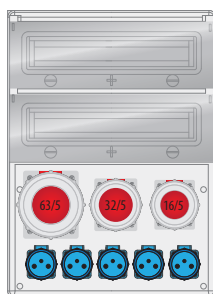
B.MAX-32S

IP65

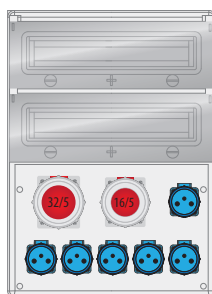
PS

PG21

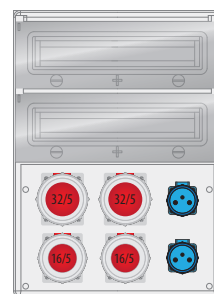
☞ # 1

 NORM PN-EN 61439-1, PN-EN 61439-3 Distribution box also available with protection


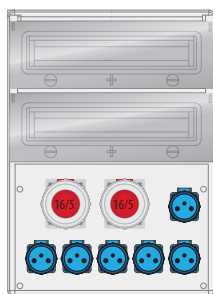
B.MAX-32S-1



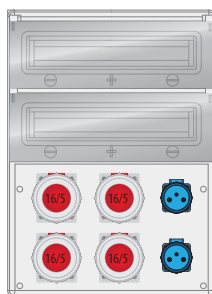
B.MAX-32S-2



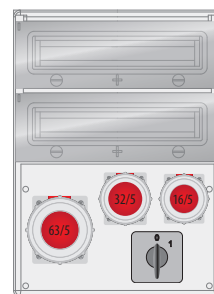
B.MAX-32S-3



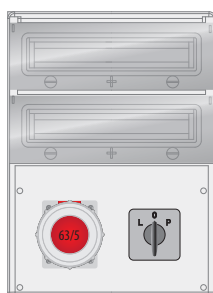
B.MAX-32S-4



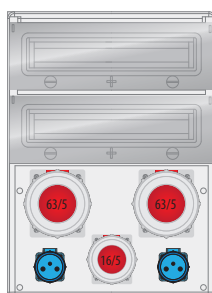
B.MAX-32S-5



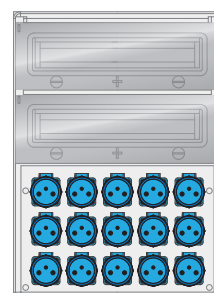
B.MAX-32S-6



B.MAX-32S-7



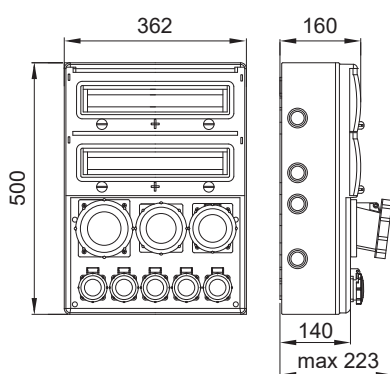
B.MAX-32S-8



B.MAX-32S-9

On customer request,
all distribution boxes can be made
in any possible configuration.

Distribution box contain
suitable PG cable gland included.



- TH rail included
- Glass color: transparent, housing color: grey
- Impact resistance degree: IK08
- Temperature resistance up to 650°C
- Operating Temperature: -25°C / +85°C
- Electrical protection class: II
- 18 weaknesses for glands
- from Ø20mm-Ø40mm
- Housing: PS halogen free, UV Resistant
- Terminal strips adapted to assemble on TH-35 rail or with screws to base
- Possibility to lock the inspection window with a padlock



GREY

BLACK

IP44

COLUMN DISTRIBUTION BOARDS

MADE OF ALUMINUM SHEET



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

Distribution board - Big column

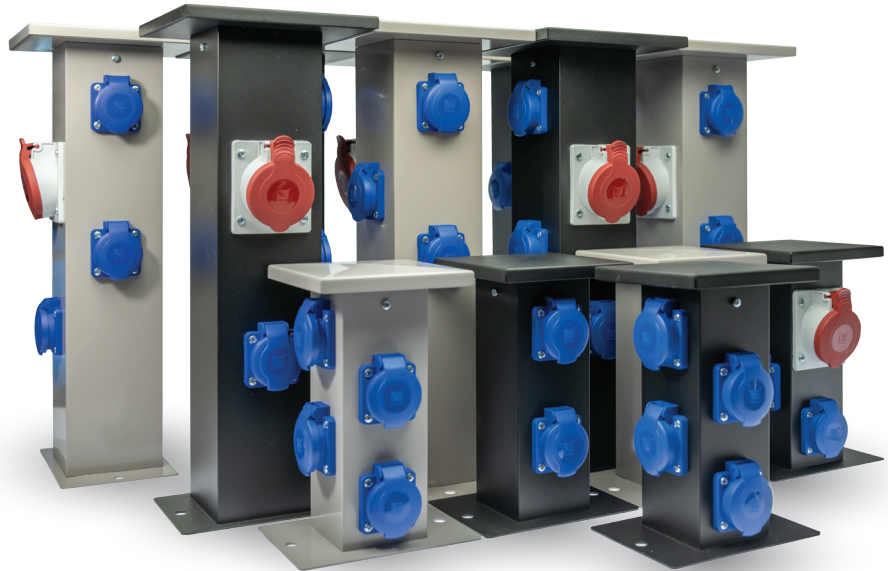
Column: 100 x 100 x 453 mm
Base: 170 x 120 x 2 mm

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



Big column

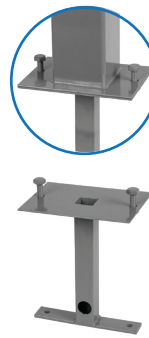


B.18.DS01S
B.18.DS01C
1x 16A/5p
3 x 250V GZ16A

B.18.DS03S
B.18.DS03C
4x 250V GZ16A

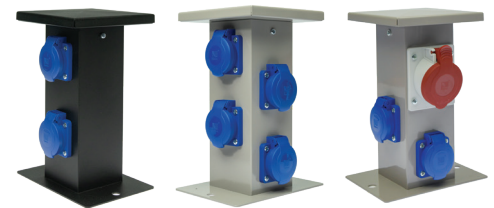
B.18.DS04S
B.18.DS04C
1x 16A/5p, 1x 32A/5p
2 x 250V GZ16A

B.18.DS41S
B.18.DS41C
1x 16A/5p
5 x 250V GZ16A



B.18.PM
Assembly plate
Assembly: 2 x M10
Total height : 205 mm

Small column



B.18.MS01S
B.18.MS01C
2 x 250V GZ16A

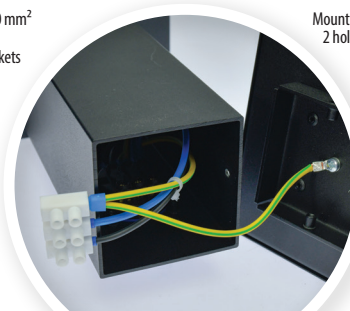
B.18.MS05S
B.18.MS05C
4 x 250V GZ16A

B.18.MS11S
B.18.MS11C
1x 16A/5p
2 x 250V GZ16A

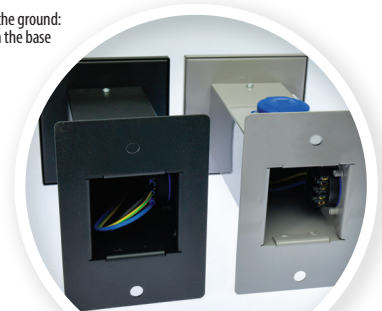
Protection class: 1. Power supply must have adequate short-circuit protection and residual current 30mA.
Many standard versions. Available socket versions: 400V: 16A/5p, 16A/4p, 32A/5p, GZ 250V/16A: IP54, IP67



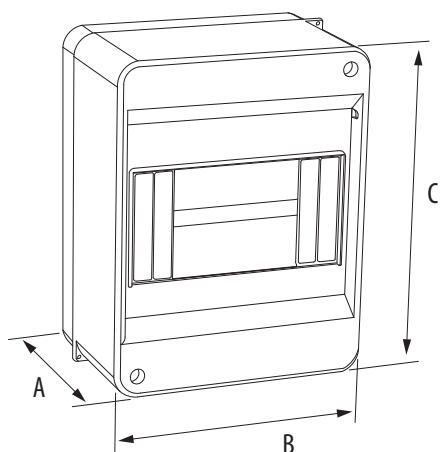
Terminal strip PS-10 mm²
3 or 5 clamps
depending on sockets
configuration



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



HOUSING, S-TYPE

 NORM PN-EN 62208


● C.2016



● C.2015 ● C.2060



● C.2014 ● C.2062



● C.2064 ● C.2065



● C.2066 ● C.2021

Name	Catalogue No.	Quantity S	Connector N+PE	Housing material	Glass	IP	Dimension A / B / C	Color	☐ #
Housing S-2	C.2016	2	-	ABS	-	IP40	69 / 55 / 140 mm	●	12
Housing S-3	C.2015	3	-	ABS	-	IP40	69 / 77 / 140 mm	●	12
Housing S-3	C.2060	3	✓	ABS	-	IP40	69 / 77 / 140 mm	●	12
Housing S-4	C.2014	4	-	ABS	-	IP40	69 / 92 / 140 mm	●	12
Housing S-4	C.2062	4	✓	ABS	-	IP40	69 / 92 / 140 mm	●	12
Housing S-5	C.2064	5	-	ABS	-	IP40	69 / 110 / 140 mm	●	8
Housing S-5	C.2065	5	✓	ABS	-	IP40	69 / 110 / 140 mm	●	8
Housing S-6	C.2066	6	-	ABS	-	IP40	69 / 130 / 140 mm	●	9
Housing S-6	C.2021	6	✓	ABS	-	IP40	69 / 130 / 140 mm	●	9

HOUSING, S-TYPE



NORM PN-EN 62208

Inside and back
S-6 N+PE



● C.2030



● C.2019 ● C.2061



● C.2027 ● C.2063



● C.2013 ● C.2020



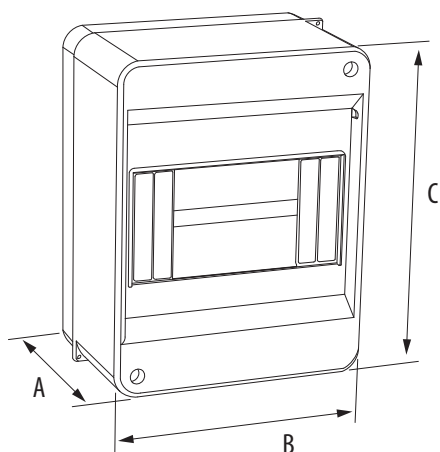
● C.2067 ● C.2031

Name	Catalogue No.	Quantity S	Connector N+PE	Material: Housing / Glass	Glass	IP	Dimension A / B / C	Color	#
Housing S-2 with smoky glass	C.2030	2	-	ABS / PC	✓	IP40	85 / 55 / 140 mm	●	12
Housing S-3 with smoky glass	C.2019	3	-	ABS / PC	✓	IP40	85 / 77 / 140 mm	●	12
Housing S-3 with smoky glass	C.2061	3	✓	ABS / PC	✓	IP40	85 / 77 / 140 mm	●	12
Housing S-4 with smoky glass	C.2027	4	-	ABS / PC	✓	IP40	85 / 92 / 140 mm	●	12
Housing S-4 with smoky glass	C.2063	4	✓	ABS / PC	✓	IP40	85 / 92 / 140 mm	●	12
Housing S-5 with smoky glass	C.2013	5	-	ABS / PC	✓	IP40	87 / 110 / 140 mm	●	8
Housing S-5 with smoky glass	C.2020	5	✓	ABS / PC	✓	IP40	87 / 110 / 140 mm	●	8
Housing S-6 with smoky glass	C.2067	6	-	ABS / PC	✓	IP40	83 / 130 / 140 mm	●	9
Housing S-6 with smoky glass	C.2031	6	✓	ABS / PC	✓	IP40	83 / 130 / 140 mm	●	9

HOUSING, S-TYPE



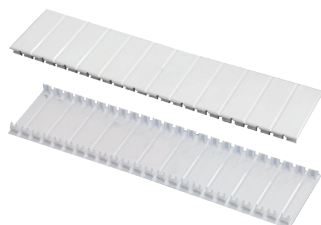
NORM PN-EN 62208



● C.2068 ● C.2017



● C.2069 ● C.2025



● C.2080



● C.2070 ● C.2071



● C.2072 ● C.2073

Name	Catalogue No.	Quantity S	Connector N+PE	Material: Housing / Glass	Glass	IP	Dimension A / B / C	Color	☐ #
Housing S-8	C.2068	8	-	ABS / -	-	IP40	66 / 165 / 140 mm	●	6
Housing S-8	C.2017	8	✓	ABS / -	-	IP40	66 / 165 / 140 mm	●	6
Housing S-8 with smoky glass	C.2069	8	-	ABS / PC	✓	IP40	83 / 165 / 140 mm	●	6
Housing S-8 with smoky glass	C.2025	8	✓	ABS / PC	✓	IP40	83 / 165 / 140 mm	●	6
Housing S-12	C.2070	12	-	ABS / -	-	IP40	80 / 240 / 140 mm	●	1
Housing S-12	C.2071	12	✓	ABS / -	-	IP40	80 / 240 / 140 mm	●	1
Housing S-12 with smoky glass	C.2072	12	-	ABS / PC	✓	IP40	96 / 240 / 140 mm	●	1
Housing S-12 with smoky glass	C.2073	12	✓	ABS / PC	✓	IP40	96 / 240 / 140 mm	●	1
Cover for housing S-12	C.2080	12	N/A	ABS / -	-	IP40	52 / 219 / 9,65 mm	●	10

FACING WALL DISTRIBUTION BOARDS IP65



NORM PN-EN 62208



● C.14504



● C.14508



● C.14512



● C.14524



● C.14536



Rated insulation voltage for facing wall distribution boards in the table below is 1000V (AC/DC)

Name	Catalogue No.	Quantity S	Connector N+PE	Housing material	Glass	IP	Dimension A / B / C	Color	#
Facing wall distribution boards IP65	C.14504	4	✓	ABS	✓	IP65	105 / 145 / 200 mm	●	1
Facing wall distribution boards IP65	C.14508	8	✓	ABS	✓	IP65	105 / 215 / 200 mm	●	1
Facing wall distribution boards IP65	C.14512	12	✓	ABS	✓	IP65	105 / 290 / 240 mm	●	1
Facing wall distribution boards IP65	C.14524	24	✓	ABS	✓	IP65	140 / 300 / 400 mm	●	1
Facing wall distribution boards IP65	C.14536	36	✓	ABS	✓	IP65	143 / 430 / 400 mm	●	1

MODULE FACING WALL DISTRIBUTION BOX

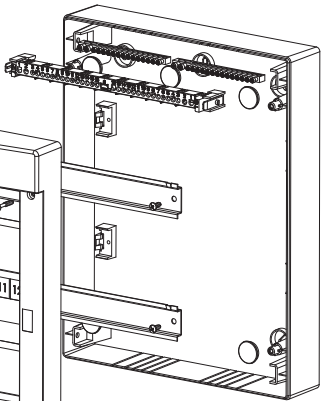
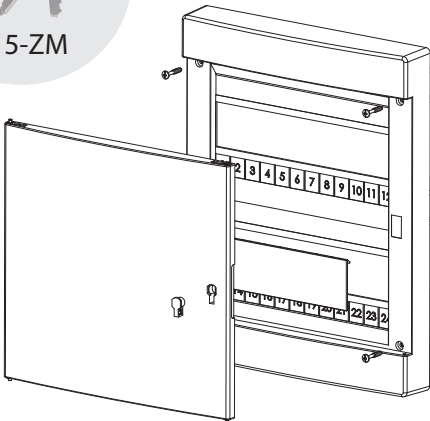
NEW

 NORM PN-EN 60670-1:2007/A1:2013-06; PN-EN 60670-24:2013-10; PN-EN IEC 63000:2019-01



C.15-ZM

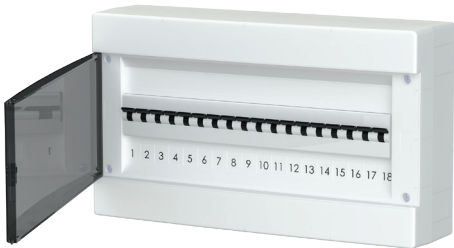
Distribution box have the optional lock assembly C.15-ZM



C.1308-P



C.1312-P



C.1318-P










C.1324-P



C.1336/2-P



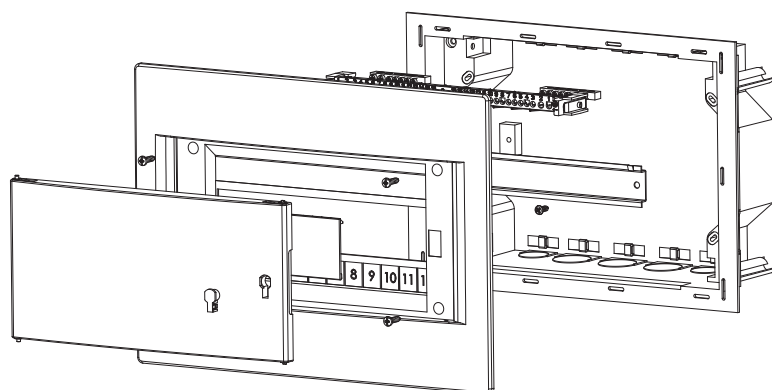
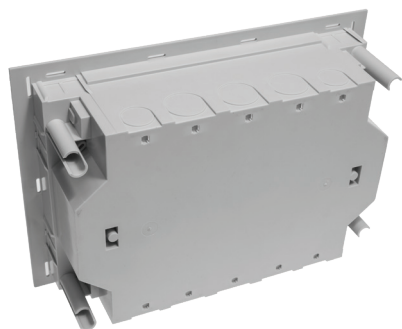
C.1336-P

Catalogue No.	Name	IP	Dimensions	Quantity S	Material: Housing / glass	TH35 / N+PE	Color	 #
C.1308-P	Module distribution box n/t S-8	IP40	180/95/210	1x8	PS / PC	✓ / ✓		12
C.1312-P	Module distribution box n/t S-12	IP40	225/95/275	1x12	PS / PC	✓ / ✓		8
C.1318-P	Module distribution box n/t S-18	IP40	225/95/389	1x18	PS / PC	✓ / ✓		12
C.1324-P	Module distribution box n/t S-24	IP40	350/95/275	2x12	PS / PC	✓ / ✓		10
C.1336/2-P	Module distribution box n/t S-36	IP40	425/119/389	2x18	PS / PC	✓ / ✓		1
C.1336-P	Module distribution box n/t S-36	IP40	510/95/275	3x12	PS / PC	✓ / ✓		6

NEW**MODULE FLUSH-MOUNTING DISTRIBUTION BOX**

NORM PN-EN 60670-1:2007/A1:2013-06; PN-EN 60670-24:2013-10; PN-EN IEC 63000:2019-01

Distribution box do not have any protection included

Distribution box
have the optional
lock assembly
C.15-ZM

C.13512-P



C.13524-P



C.13536-P

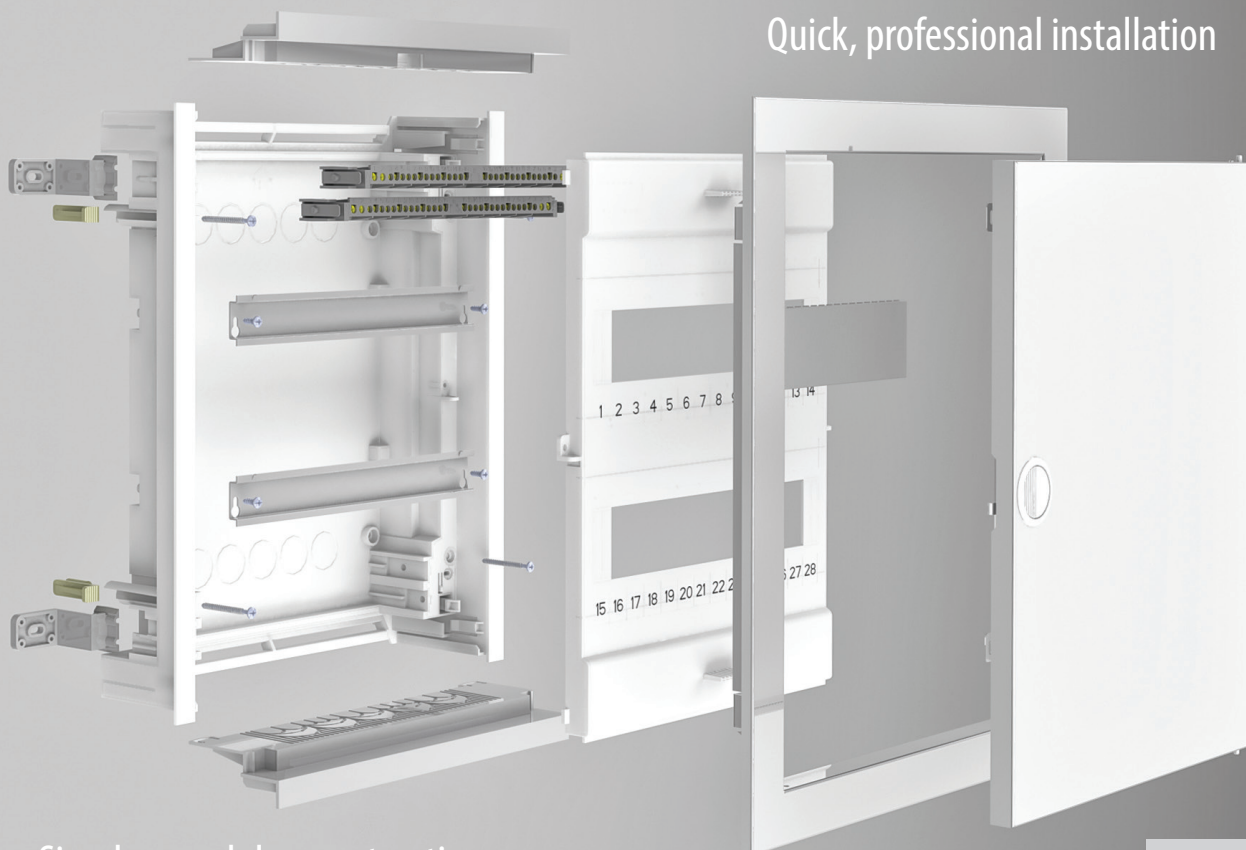
Catalogue No.	Name	IP	Dimensions	Quantity S	Material: Housing / glass	TH35 / N+PE	Color	☐ #
C.13512-P	Module distribution box p/t S-12	IP40	255/101/350	1x12	PS / PC	✓ / ✓	●	8
C.13524-P	Module distribution box p/t S-24	IP40	280/101/350	2x12	PS / PC	✓ / ✓	●	6
C.13536-P	Module distribution box p/t S-36	IP40	540/101/350	3x12	PS / PC	✓ / ✓	●	4

UNIVERSAL DISTRIBUTION BOARDS WITH METAL DOORS

Complete, ready-to-install, universal distribution boards with metal doors are available in 5 versions. Suitable for installation in masonry and gypsum walls.

NOTE: We offer an optional lock for universal distribution boards: C.15-ZM

Quick, professional installation



Simple - modular construction

IP40

Great installation comfort thanks to a well-thought-out design, which also ensures large space inside the distribution board



1



2



3



4

1 Universal mounting – gypsum and masonry walls

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)



C.15-ZM

5

UNIVERSAL DISTRIBUTION BOARDS, N-ROW

 NORM PN-EN 60439-3


C.1512



C.1524



C.1536



C.1524-ITM

C.1524-IT

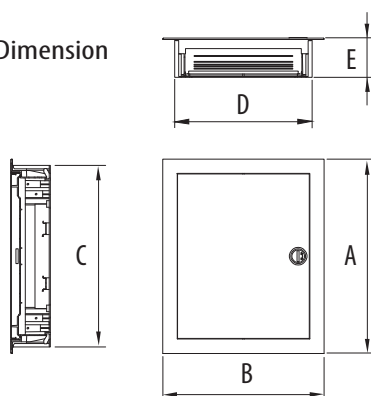


C.1548



C.1560

Dimension



Dimension	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

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:

- Housing
- Carrying rails framework
- N + PE conductor rail 2x (2 x 25 mm² + 14 x 16 mm²)
- Metal door closed on the latch or lock
- Mounting bracket TH 35

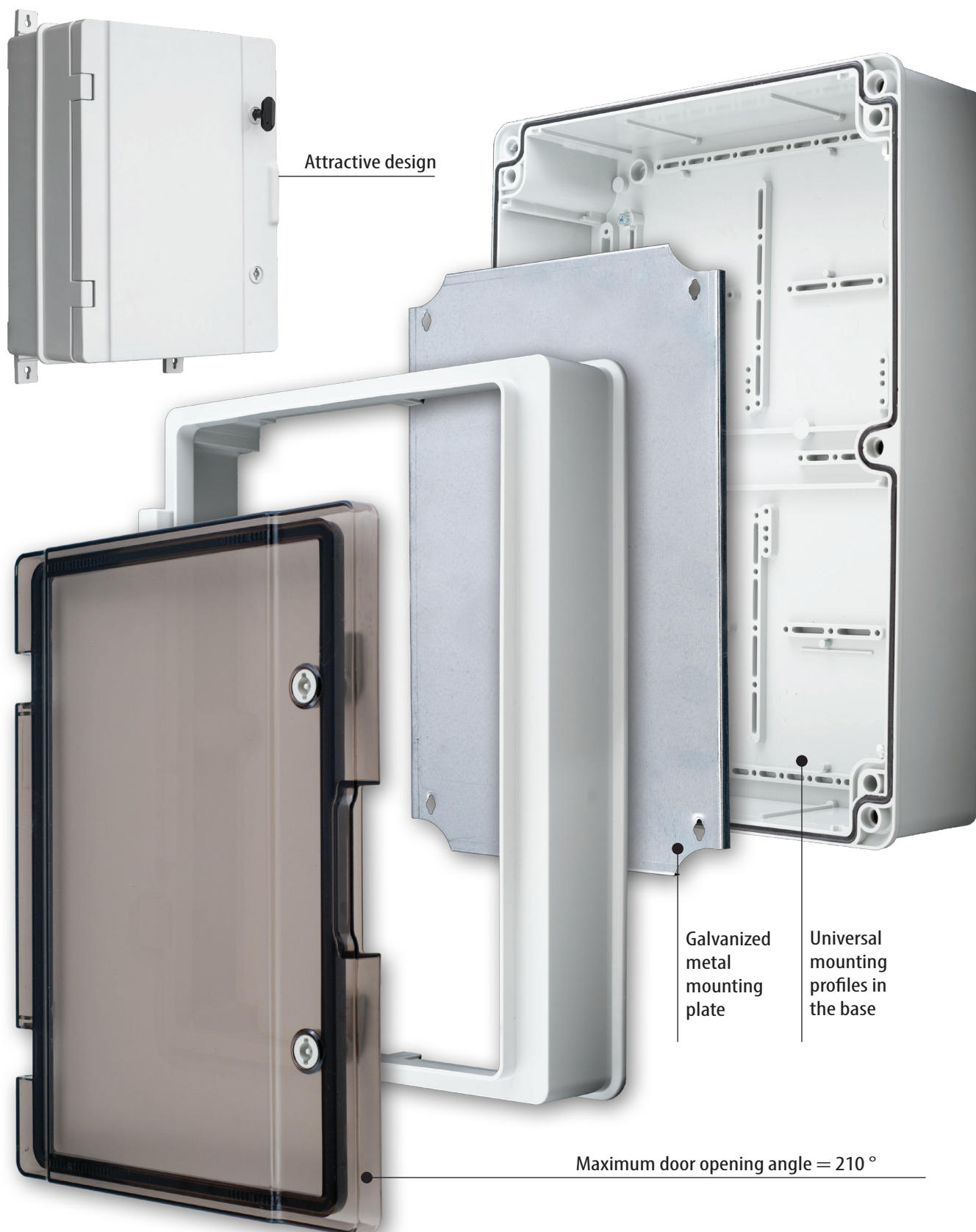
Additionally, we recommend module covers S-12
Catalogue No. C.2080

Name	Catalogue No.	Quantity S*	Equipment	IP	Color	#
Universal 1-row distribution board RO-1	C.1512	12+2	N+PE 2x (2 x 25 mm ² + 14 x 16 mm ²) - 1 pcs	IP40	●	1
Universal 2-row distribution board RO-2	C.1524	24+4	N+PE 2x (2 x 25 mm ² + 14 x 16 mm ²) - 1 pcs	IP40	●	1
Universal 3-row distribution board RO-3	C.1536	36+6	N+PE 2x (2 x 25 mm ² + 14 x 16 mm ²) - 2 pcs	IP40	●	1
Universal 4-row distribution board RO-4	C.1548	48+8	N+PE 2x (2 x 25 mm ² + 14 x 16 mm ²) - 2 pcs	IP40	●	1
Universal 5-row distribution board RO-5	C.1560	60+10	N+PE 2x (2 x 25 mm ² + 14 x 16 mm ²) - 2 pcs	IP40	●	1
IT distribution board Typ RO-2P with plastic doors	C.1524-IT	-	Metal plate, perforated, 220x250mm, BETA1 socket	IP40	●	1
	C.1524-ITM	-	Metal plate, perforated, 220x250mm, BETA1 socket, additional plate to install accessories	IP40	●	1

* When a key lock is used, the number of modules that can be installed in the adjacent row is reduced by one.

HERMETIC DISTRIBUTION CABINET IP65

Hermetic distribution cabinet - version with metal mounting plate



HERMETIC DISTRIBUTION CABINET IP65

A wide range of hermetic distribution cabinets.

Durable! Practical! Spacious!

Hermetic distribution cabinets in useful, five dimensions, versions

 NORM PN-EN 62208

IP65

IK10

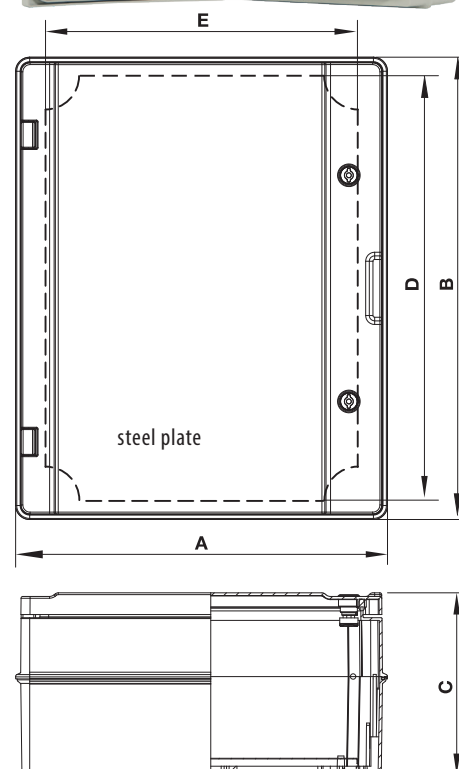


Catalogue Number			Dimension				
Door opaque	Door opaque UV-resistant cabinet	Door transparent UV resistant	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
C.1600	C.1600UV	C.1600-P	221	311	137	270	174.5
C.1601	C.1601UV	C.1601-P	265	355	152	315	245
C.1602	C.1602UV	C.1602-P	310	410	170	360	245
C.1602H	C.1602UVH	-	310	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	440

Note: The offered cabinets are available with a key and a lock made of plastic
The C.1602H and C.1602UVH versions have a greater depth of up to 230 mm!

Additional parameters:

- Housing material: ABS
- Transparent door material: polycarbonate
- Impact resistance for the entire cabinet: IK 10
- Operating temperature range: -25 ° to +60 °
- Polyurethane gasket
- RAL 7035

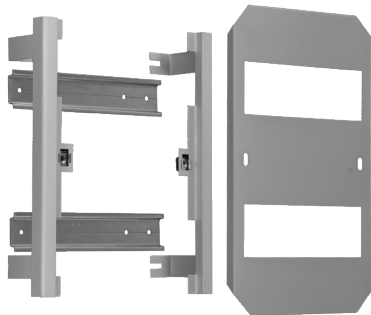


Example of installation of control equipment and accessories

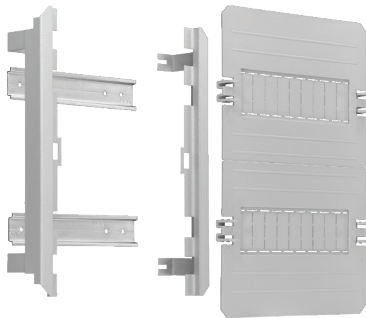
FIXING PACKAGES FOR DISTRIBUTION CABINETS



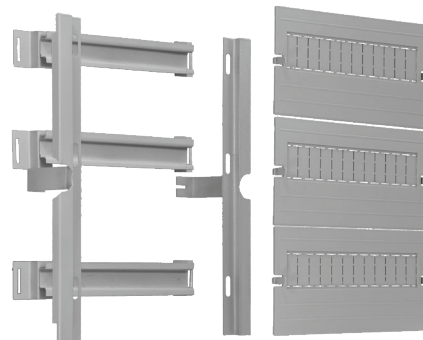
NORM PN-EN 61439-3



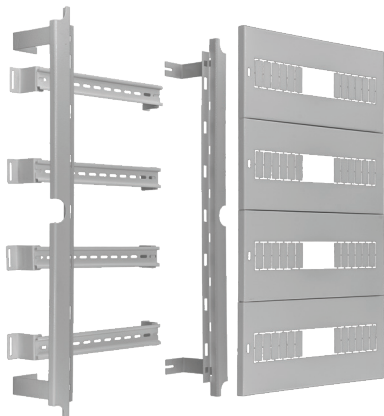
C.1600/PM



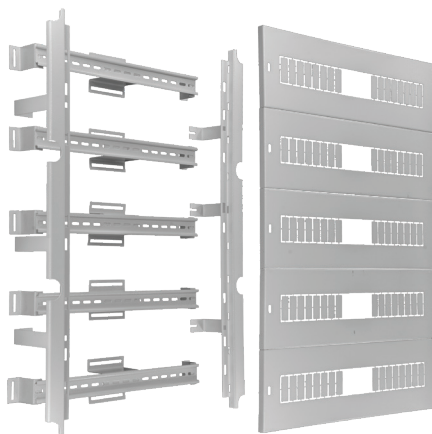
C.1601/PM



C.1602/PM




C.1603/PM



C.1604/PM




C.16-ZM

For the offered cabinets, we recommend purchasing a metal lock for hermetic IP 65 distribution cabinets
- Catalogue No. C.16-ZM  NORM PN-EN 62208

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

Fixing package catalogue no.	Quantity S	Masking fixing material - metal	Outside dimensions [mm]	Distribution cabinets Catalogue Number		
				Door opaque	Door opaque, Cabinets UV-Resist	Transparent door UV-Resist
C.1600/PM	2 x 8	Metal	221x311x137	C.1600	C.1600UV	C.1600-P
C.1601/PM	2 x 9	Metal	265x355x152	C.1601	C.1601UV	C.1601-P
C.1602/PM	3 x 10	Metal	310x410x170	C.1602	C.1602UV	C.1602-P
C.1603/PM	4 x 16	Metal	410x610x202	C.1603	C.1603UV	C.1603-P
C.1604/PM	5 x 20	Metal	511x711x254	C.1604	C.1604UV	C.1604-P

BUILT-IN, HERMETIC DISTRIBUTION CABINETS IP65

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

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

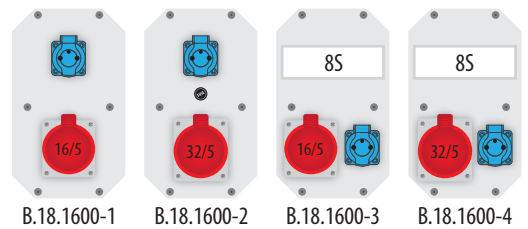


C.1601 / C.1601UV / C.1601-P



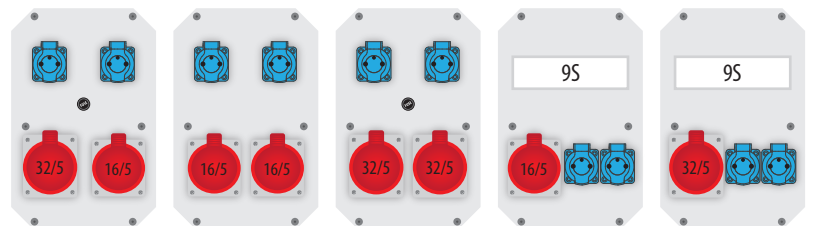
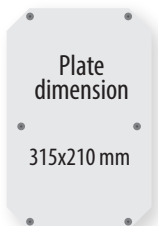
C.1602 / C.1602UV / C.1602-P

BUILT-IN, hermetic distribution cabinets IP65 C.1600 / C.1600UV / C.1600-P Series



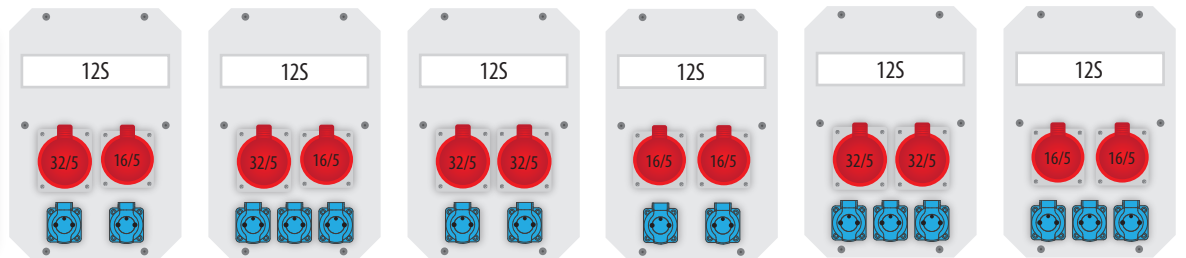
B.18.1600-1 B.18.1600-2 B.18.1600-3 B.18.1600-4

BUILT-IN, hermetic distribution cabinets IP65 C.1601 / C.1601UV / C.1601-P Series



B.18.1601-1 B.18.1601-2 B.18.1601-3 B.18.1601-4 B.18.1601-5

BUILT-IN, hermetic distribution cabinets IP65 C.1602 / C.1602UV / C.1602-P Series

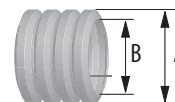


B.18.1602-1 B.18.1602-2 B.18.1602-3 B.18.1602-4 B.18.1602-5 B.18.1602-6


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

CORRUGATED PIPE PVC TYPE LIGHT 320N**UV RESISTANT**
 NORM PN-EN 61386-1 PN-EN 61386-22

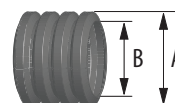
Material: Self-extinguishable PVC (Calcium-Zinc stabilization)
/ Pipes with tensile steel wire \varnothing 0,5mm inside





Dimension [A] / [B] :	Corrugated pipe PVC, type light 320N, light gray color			
	Without pilot		With pilot	
	Catalogue No.	 #	Catalogue No.	 #
16 / 11	6109-25P	25 m	6160-25P	25 m
16 / 11	6109-50P	50 m	6160-50P	50 m
20 / 14,5	6100A-25P	25 m	6161A-25P	25 m
20 / 14,5	6100A-50P	50 m	6161A-50P	50 m
25 / 19	6102A-25P	25 m	6163A-25P	25 m
25 / 19	6102A-50P	50 m	6163A-50P	50 m
32 / 25	6110P	25 m	6166-25P	25 m
32 / 25	6110-50P	50 m	6166-50P	50 m
40 / 33	6167-25	25 m	6168-25	25 m

**CORRUGATED PIPE PVC TYPE 750N****UV RESISTANT**
 NORM PN-EN 61386-1:2011/A1:2019-08, PN-EN 61386-22:2005/A11:2011

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



Corrugated pipe PVC Dimension [A] / [B] :	Corrugated pipe PVC type 750N		Corrugated pipe PVC type 750N with pilot	
	Catalogue No.	 #	Catalogue No.	 #
16 / 11	6109-25/750P	25 m	6160-25/750P	25 m
16 / 11	6109-50/750P	50 m	6160-50/750P	50 m
20 / 14,5	6100A-25/750P	25 m	6161A-25/750P	25 m
20 / 14,5	6100A-50/750P	50 m	6161A-50/750P	50 m
25 / 19	6102A-25/750P	25 m	6163A-25/750P	25 m
25 / 19	6102A-50/750P	50 m	6163A-50/750P	50 m
32 / 25	6110/750P	25 m	6166-25/750P	25 m
32 / 25	6110-50/750P	50 m	6166-50/750P	50 m
40 / 33	6167-25/750	25 m	6168-25/750	25 m



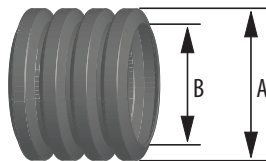
CAR TYPE CORRUGATED PIPE - SIMPLE AND DISSECTED



NORM PN-EN 61386-1 PN-EN 61386-22

Car type corrugated pipe is used for protection of cables against moisture and mechanical damage. In industry, it helps to protect electronic equipment, controllers, electrotechnical devices.

Black color. Material: LDPE






Dimension [A] mm / [B] mm:	Catalogue number - plain	Catalogue number - dissected	📦 #
10 / 7	G.6157P	G.6157RP	100 m
12 / 9	G.6158P	G.6158RP	100 m
16 / 11	G.6150P	G.6150RP	100 m
18 / 13,5	G.6151P	G.6151RP	100 m
20 / 14,5	G.6152P	G.6152RP	100 m
25 / 19	G.6153P	G.6153RP	50 m
32 / 25	G.6155P	G.6155RP	50 m



FLEXIBLE SPIRAL CORRUGATED PIPES 320 N, SELF- EXTINGUISHABLE, UV RESIST

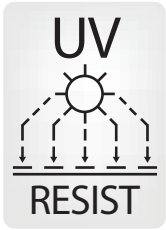
 NORM EN 61386-1, EN 61386-23



Cat. No.	Dimensions A/B	Color	 #
17008C	12,4 / 8		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		
17050C	56 / 50		
17012	16, 2 / 12		
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

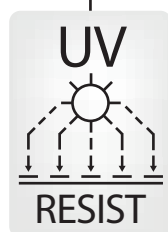
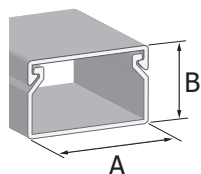
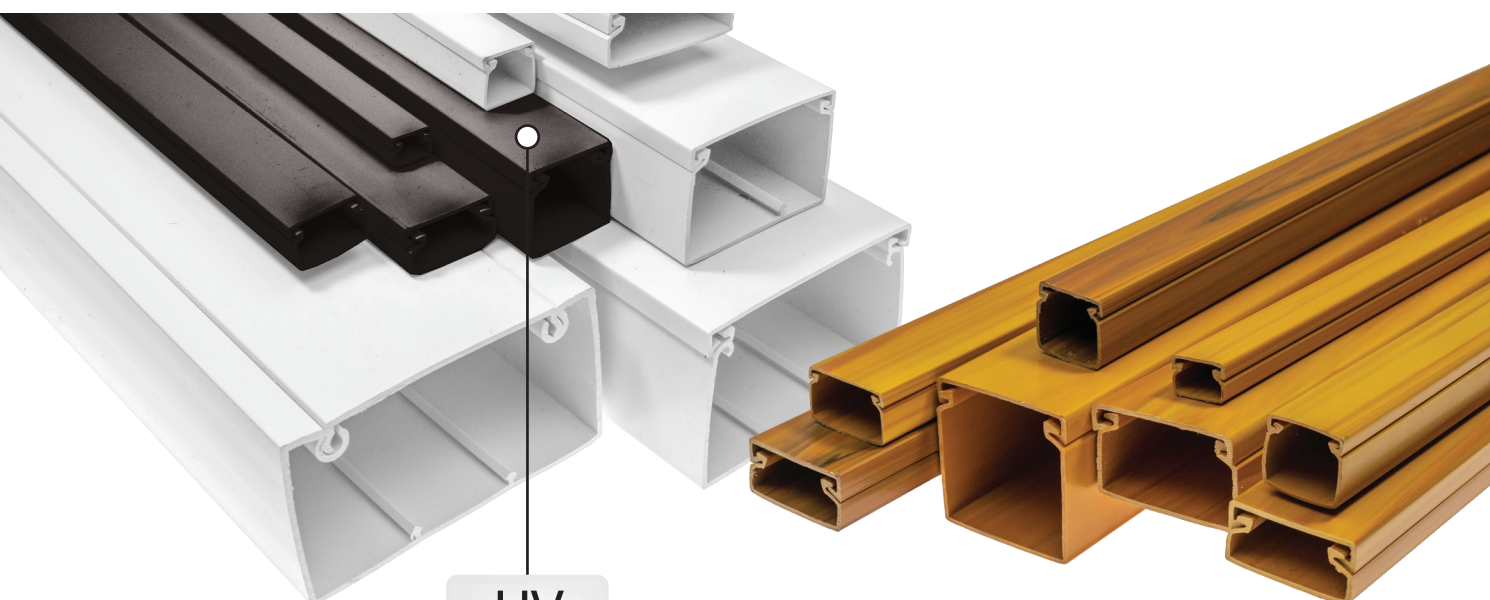
The product is resistant to UV radiation



CABLE DUCTS



NORM PN-EN 50085-2-1



Cable ducts in black
are resistant to UV radiation

Dimension AxB	Catalogue Numbers - colors:				<div> # white </div>	<div> # color </div>
	white	black	light brown	dark brown		
15x10	K.1510	K.1510C	K.1510JBR	K.1510CBR	80 mb / 40 pcs	80 mb / 40 pcs
17x15	K.1715	K.1715C	K.1715JBR	K.1715CBR	42 mb / 21 pcs	42 mb / 21 pcs
20x18	K.2018	K.2018C	K.2018JBR	K.2018CBR	60 mb / 30 pcs	60 mb / 30 pcs
25x15	K.2515	K.2515C	K.2515JBR	K.2515CBR	60 mb / 30 pcs	60 mb / 30 pcs
32x15	K.3215	K.3215C	K.3215JBR	K.3215CBR	48 mb / 24 pcs	48 mb / 24 pcs
32x30	K.3230	K.3230C	K.3230JBR	K.3230CBR	56 mb / 28 pcs	56 mb / 28 pcs
40x25	K.4025	K.4025C	K.4025JBR	K.4025CBR	50mb / 25 pcs	50mb / 25 pcs
40x40	K.4040	-	K.4040JBR	K.4040CBR	48 mb / 24 pcs	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	-

IP44 | ~250V




HERMETIC SOCKETS BETA1 AND HERMETIC SWITCHES BETA



NORM PN-IEC 60884-1



Sets color: Black | Products also available in the SCHUKO version

Name	Catalogue No.	Type	Switch type	Sockets 2P + Z	Sockets:		Dimensions: Width Height Depth	☐ #	
					Version	Black socket flap color			
BETA hermetic switches: Norm: PN-EN 60669-1, Current [A]: ~10AX (X-you can use it in fluorescent lamp)									
Hermetic switches BETA	D.3710WC	Single		  	Unipolar			65/75/48 mm	12
	D.3710W2C	Single			Candlestick			65/75/48 mm	12
	D.3710WSC	Single			Staircase			65/75/48 mm	12
	D.3710WKC	Single			Cross			65/75/48 mm	12
	D.3710WDC	Single			Momentary-bell			65/75/48 mm	12
Hermetic sockets BETA1: Norm: PN-IEC 60884-1, Current [A]: ~16A									
Hermetic sockets BETA1	D.3711SCG/1	Single			1	Schuko	●	65/75/48 mm	12
	D.3710CG/1	Single			1	French	●	65/75/48 mm	12
	D.3713SCGG/1	Double			2	Schuko	●	130/75/48 mm	6
	D.3712CGG/1	Double			2	French	●	130/75/48 mm	6
BETA hermetic switches: Norm: PN-EN 60669-1, Current [A]: ~10AX (X-you can use it in fluorescent lamp) \ Hermetic sockets BETA1: Norm: PN-IEC 60884-1, Current [A]: ~16A									
Hermetic sockets BETA1	D.3715SCGGG/1	Triple			3	Schuko	●	195/75/48 mm	6
	D.3714CGGG/1	Triple			3	French	●	195/75/48 mm	6

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



IP44 | ~250V

HERMETIC SOCKETS BETA1 AND HERMETIC SWITCHES BETA

● Sets color: White | Products also available in the SCHUKO version



NORM PN-IEC 60884-1

Name	Catalogue No.	Type	Switch type	Sockets 2P+Z	Socket flap color		Dimensions: Width Height Depth	#	
					Smoke	White			
BETA hermetic switches: Norm: PN-EN 60669-1, Current [A]: ~10AX (X-you can use it in fluorescent lamp)									
Hermetic switches BETA	D.3110W	Single		Unipolar			65/75/48 mm	12	
	D.3110W2	Single		Candlestick			65/75/48 mm	12	
	D.3110WS	Single		Staircase			65/75/48 mm	12	
	D.3110WK	Single		Cross			65/75/48 mm	12	
	D.3110WD	Single		Momentary-bell			65/75/48 mm	12	
	D.3112WW2	Double		Unipolar + candlestick			130/75/48 mm	6	
Hermetic sockets BETA1: Norm: PN-IEC 60884-1, Current [A]: ~16A									
Hermetic sockets BETA1	D.3110G/1	Single		1	●		65/75/48 mm	12	
	D.3110BG/1	Single		1		●	65/75/48 mm	12	
	D.3112GG/1	Double		2	●		130/75/48 mm	6	
	D.3112BGG/1	Double		2		●	130/75/48 mm	6	
BETA hermetic switches: Norm: PN-EN 60669-1, Current [A]: ~10AX (X-you can use it in fluorescent lamp) \ Hermetic sockets BETA1: Norm: PN-IEC 60884-1, Current [A]: ~16A									
Hermetic switches BETA and hermetic sockets BETA1	D.3112GW/1	Double		Unipolar	1	●	130/75/48 mm	6	
	D.3112BGW/1	Double		Unipolar	1		●	130/75/48 mm	6
	D.3112GW2/1	Double		Candlestick	1	●	130/75/48 mm	6	
	D.3112BGW2/1	Double		Candlestick	1		●	130/75/48 mm	6
	D.3112GWS/1	Double		Staircase	1	●	130/75/48 mm	6	
	D.3112BGWS/1	Double		Staircase	1		●	130/75/48 mm	6
	D.3114GGG/1	Triple		3	●		195/75/48 mm	6	
	D.3114BGGG/1	Triple		3		●	195/75/48 mm	6	

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



IP44 | ~250V

HERMETIC SOCKETS BETA1 AND HERMETIC SWITCHES BETA



NORM PN-IEC 60884-1



Sets color: Brown | Products also available in the SCHUKO version

Name	Catalogue No.	Type		Switch type	Sockets 2P+Z	Socket flap color		Dimensions: Width Height Depth	#
						Smoke	Brown		
BETA hermetic switches: Norm: PN-EN 60669-1, Current [A]: ~10AX (X-you can use it in fluorescent lamp)									
Hermetic switches BETA	D.3210W	Single		Unipolar				65/75/48 mm	12
	D.3210W2	Single		Candlestick				65/75/48 mm	12
	D.3210WS	Single		Staircase				65/75/48 mm	12
	D.3210WK	Single		Cross				65/75/48 mm	12
	D.3210WD	Single		Momentary-bell				65/75/48 mm	12
	D.3212WW2	Double		Unipolar + candlestick				130/75/48 mm	6
Hermetic sockets BETA1: Norm: PN-IEC 60884-1, Current [A]: ~16A									
Hermetic sockets BETA1	D.3210G/1	Single			1	●		65/75/48 mm	12
	D.3210BRG/1	Single			1		●	65/75/48 mm	12
	D.3212GG/1	Double			2	●		130/75/48 mm	6
	D.3212BRGG/1	Double			2		●	130/75/48 mm	6
BETA hermetic switches: Norm: PN-EN 60669-1, Current [A]: ~10AX (X-you can use it in fluorescent lamp) \ Hermetic sockets BETA1: Norm: PN-IEC 60884-1, Current [A]: ~16A									
Hermetic switches BETA and hermetic sockets BETA1	D.3212GW/1	Double		Unipolar	1	●		130/75/48 mm	6
	D.3212BRGW/1	Double		Unipolar	1		●	130/75/48 mm	6
	D.3212GW2/1	Double		Candlestick	1	●		130/75/48 mm	6
	D.3212BRGW2/1	Double		Candlestick	1		●	130/75/48 mm	6
	D.3212GWS/1	Double		Staircase	1	●		130/75/48 mm	6
	D.3212BRGWS/1	Double		Staircase	1		●	130/75/48 mm	6
	D.3214GGG/1	Triple			3	●		195/75/48 mm	6
	D.3214BRGGG/1	Triple			3		●	195/75/48 mm	6

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
























IP44 | ~250V

HERMETIC SOCKETS BETA1 AND HERMETIC SWITCHES BETA

● Sets color: Grey | Products also available in the SCHUKO version



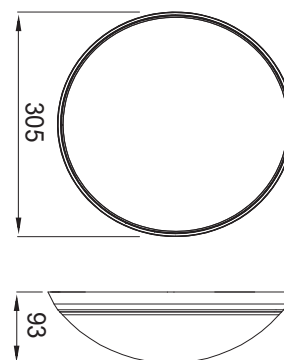
NORM PN-IEC 60884-1

Name	Catalogue No.	Type	Switch type	Sockets 2P+Z	Socket flap color		Dimensions: Width Height Depth	📦 #	
					Smoke	Grey			
BETA hermetic switches: Norm: PN-EN 60669-1, Current [A]: ~10AX (X-you can use it in fluorescent lamp)									
Hermetic switches BETA	D.3610W	Single		Unipolar			65/75/48 mm	12	
	D.3610W2	Single		Candlestick			65/75/48 mm	12	
	D.3610WS	Single		Staircase			65/75/48 mm	12	
	D.3610WK	Single		Cross			65/75/48 mm	12	
	D.3610WD	Single		Momentary-bell			65/75/48 mm	12	
	D.3612WW2	Double		Unipolar + candlestick			130/75/48 mm	6	
Hermetic sockets BETA1: Norm: PN-IEC 60884-1, Current [A]: ~16A									
Hermetic sockets BETA1	D.3610G/1	Single			1	●	65/75/48 mm	12	
	D.3610SG/1	Single			1		●	65/75/48 mm	12
	D.3612GG/1	Double			2	●	130/75/48 mm	6	
	D.3612SGG/1	Double			2		●	130/75/48 mm	6
BETA hermetic switches: Norm: PN-EN 60669-1, Current [A]: ~10AX (X-you can use it in fluorescent lamp) \ Hermetic sockets BETA1: Norm: PN-IEC 60884-1, Current [A]: ~16A									
Hermetic switches BETA and hermetic sockets BETA1	D.3612GW/1	Double		Unipolar	1	●	130/75/48 mm	6	
	D.3612SGW/1	Double		Unipolar	1		●	130/75/48 mm	6
	D.3612GW2/1	Double		Candlestick	1	●	130/75/48 mm	6	
	D.3612SGW2/1	Double		Candlestick	1		●	130/75/48 mm	6
	D.3612GWS/1	Double		Staircase	1	●	130/75/48 mm	6	
	D.3612SGWS/1	Double		Staircase	1		●	130/75/48 mm	6
	D.3614GGG/1	Triple			3	●	195/75/48 mm	6	
	D.3614SGGG/1	Triple			3		●	195/75/48 mm	6

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



LAMP HOUSING WALL AND CEILING - PANTERA

 NORM PN-EN 60598-1


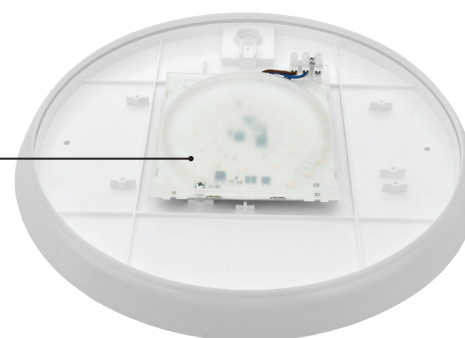
Advantages of lamp housings PANTERA

- A very large selection of lamp housings configurations
- High aesthetics of workmanship
- High impact resistance of the lampshades - IK10!
- LED versions with a radar motion sensor have a corridor function
- LED versions with a radar motion sensor and light diffuser
- The lampshade is made of high-quality material - polycarbonate (PC)
- UV Resistant
- Internal protection IP54




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



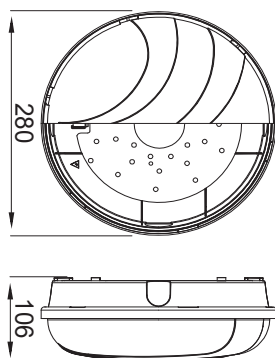
Light source: E27

Version	Motion sensor	Supply	Power max.	Lampshade: Transparent		Lampshade: Lacteal			 #
				White ring	Black ring	White ring	Black ring	Silver ring	
Standard version	-	230V AC	18W	D.3190	D.3190C	D.3190M	D.3190CM	D.3190SM	1
Standard version with motion sensor	✓	230V AC	18W	D.3190R	-	D.3190RM	D.3190CRM	D.3190SRM	1

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

Version	Luminous flux	Motion sensor	Supply	Power	Lampshade: Lacteal			 #
					White ring	Silver ring	Black ring	
Standard version with motion sensor	1400lm	✓	230V AC	13W	D.3198RM-BN-13W	D.3198SRM-BN-13W	D.3198CRM-BN-13W	1
Version standard. with diffuser and mot. sensor	1400lm	✓	230V AC	13W	D.3198DRM-BN-13W	D.3198DSRM-BN-13W	D.3198DCRM-BN-13W	1
Special version 24V AC with motion sensor	1400lm	✓	24V AC	13W	D.3198RM-BN-13W/24V	D.3198SRM-BN-13W/24V	D.3198CRM-BN-13W/24V	1
Standard version with motion sensor	2070lm	✓	230V AC	20W	D.3198RM-BN-20W	D.3198SRM-BN-20W	D.3198CRM-BN-20W	1
Standard version	1400lm	-	230V AC	13W	D.3198M-BN-13W	-	-	1
Standard version with diffuser	1400lm	-	230V AC	13W	D.3198DM-BN-13W	D.3198DSM-BN-13W	D.3198DCM-BN-13W	1
Standard version	2070lm	-	230V AC	20W	D.3198M-BN-20W	D.3198SM-BN-20W	D.3198CM-BN-20W	1


LAMP HOUSING - PANDA ROUND

 NORM PN-EN 60598-1



Advantages of lamp housings PANDA ROUND

- Aesthetics of workmanship
- High impact resistance of the lampshades - IK10!
- The lampshade is made of high-quality material - polycarbonate (PC)
- UV Resistant
- Internal protection IP65
- Includes PG9 cable gland

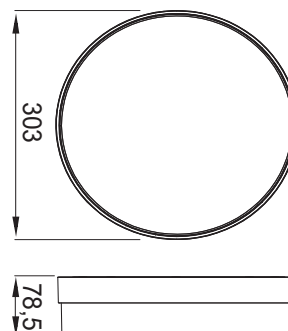
Light source: E27, IP65

Version	Motion sensor	Supply	Power max.	Lampshade: Transparent	Lampshade: Lacteal	 #
				White bottom	White bottom	
Standard version	-	230V AC	18W	D.3175	D.3175M	1/10
Standard version with motion sensor	✓	230V AC	18W	D.3175R	D.3175RM	1/10
Special version 24V AC with motion sensor	✓	24V AC	18W	D.3175R/24V	D.3175RM/24V	1/10

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

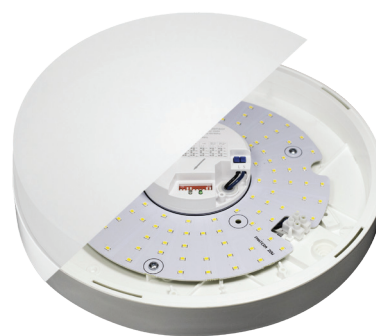
Version	Luminous flux	Motion sensor	Supply	Power	Lampshade: Transparent	Lampshade: Lacteal	 #
					White bottom	White bottom	
Standard version with motion sensor	1400lm	✓	230V AC	13W	-	D.3175RM-BN-13W	1/10
Special version 24V AC with motion sensor	1400lm	✓	24V AC	13W	D.3175R-BN-13W/24V	D.3175RM-BN-13W/24V	1/10
Standard version with motion sensor	2070lm	✓	230V AC	20W	D.3175R-BN-20W	D.3175RM-BN-20W	1/10
Standard version	1400lm	-	230V AC	13W	-	D.3175M-BN-13W	1/10
Standard version	2070lm	-	230V AC	20W	D.3175-BN-20W	D.3175M-BN-20W	1/10

LAMP HOUSING WALL AND CEILING - AFRODYTA

 NORM PN-EN 60598-1


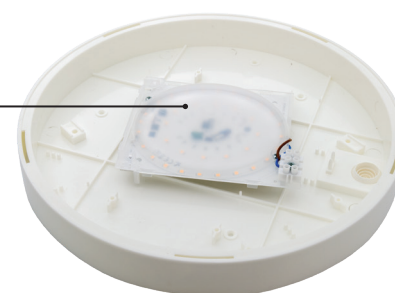
Advantages of lamp housings AFRODYTA

- A very large selection of lamp housings configurations
- High impact resistance of the lampshades - IK10!
- The lampshade is made of high-quality material - polycarbonate (PC)
- UV Resistant
- Internal protection IP44
- LED versions with a radar motion sensor and a corridor function
- LED versions with a radar motion sensor and a light diffuser



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



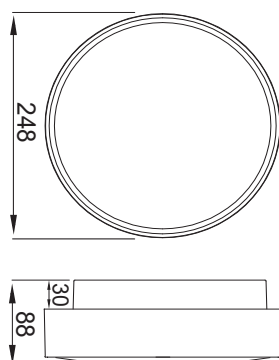
Light source: The luminaire is equipped with two lamp holders with a base E27

Version	Motion sensor	Supply	Power max.	Lampshade: Transparent		Lampshade: Lacteal		 #
				White bottom	Silver bottom	White bottom	Silver bottom	
Standard version	-	230V AC	2x25W	-	-	D.3139M	D.3139SM	1
Standard version with motion sensor	✓	230V AC	2x25W	D.3139R	-	D.3139RM	D.3139SRM	1

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

Version	Luminous flux	Motion sensor	Supply	Power	Lampshade: Transparent		Lampshade: Lacteal		 #
					White bottom	Silver bottom	White bottom	Silver bottom	
Standard version with motion sensor	1400lm	✓	230V AC	13W	-	-	D.3139RM-BN-13W	D.3139SRM-BN-13W	1
Special version 24V AC with motion sensor	1400lm	✓	24V AC	13W	-	-	D.3139RM-BN-13W/24V	D.3139SRM-BN-13W/24V	1
Standard version with motion sensor	2070lm	✓	230V AC	20W	-	-	D.3139RM-BN-20W	D.3139SRM-BN-20W	1
Standard version with diffuser	1400lm	-	230V AC	13W	-	-	D.3139DM-BN-13W	D.3139DSM-BN-13W	1
Standard version	2070lm	-	230V AC	20W	-	-	D.3139M-BN-20W	D.3139SM-BN-20W	1

LAMP HOUSING WALL AND CEILING - DIONE


 NORM PN-EN 60598-1


Advantages of lamp housings DIONE


- A very large selection of lamp housings configurations
- Bottom color version - black or white
- High impact resistance of the lampshades - IK10!
- The lampshade is made of high-quality material - polycarbonate (PC)
- UV Resistant
- Internal protection IP65
- Versions with a radar motion sensor
- Includes PG9 cable gland




Light source: E27, Housing color: white

Version	Motion sensor	Supply	Power max.	Lampshade: Transparent		Lampshade: Lacteal			 #
				White ring	Black ring	White ring	Black ring	Silver ring	
Standard version	-	230V AC	18W	D.3140	-	D.3140M	-	D.3140SM	1
Standard version with motion sensor	✓	230V AC	18W	-	-	D.3140RM	-	D.3140SRM	1


Light source: E27, Housing color: black

Version	Motion sensor	Supply	Power max.	Lampshade: Transparent		Lampshade: Lacteal			 #
				White ring	Black ring	White ring	Black ring	Silver ring	
Standard version	-	230V AC	18W	-	-	-	D.3140CCM	-	1
Standard version with motion sensor	✓	230V AC	18W	-	-	-	D.3140CCRM	-	1

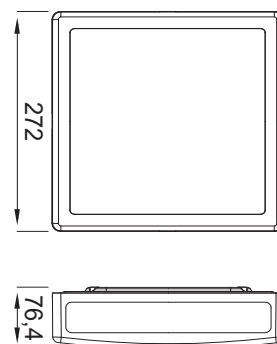
Light source: LED SMD, CRI>80, color 4000K - neutral white, Housing color: black

Version	Luminous flux	Motion sensor	Supply	Power	Lampshade: Transparent		Lampshade: Lacteal			 #
					White ring	Black ring	White ring	Black ring	Silver ring	
Standard version with motion sensor	1400lm	✓	230V AC	13W	-	-	-	D.3140CCRM-BN-13W	-	1
Standard version	1400lm	-	230V AC	13W	-	-	-	D.3140CCM-BN-13W	-	1

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

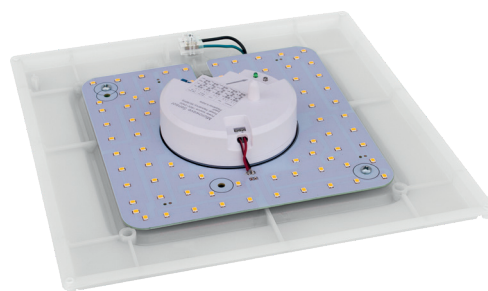
Version	Luminous flux	Motion sensor	Supply	Power	Lampshade: Transparent		Lampshade: Lacteal			 #
					White ring	Black ring	White ring	Black ring	Silver ring	
Standard version with motion sensor	1400lm	✓	230V AC	13W	-	-	D.3140RM-BN-13W	-	D.3140SRM-BN-13W	1
Standard version	1400lm	-	230V AC	13W	-	-	D.3140M-BN-13W	-	D.3140SM-BN-13W	1

LAMP HOUSING WALL AND CEILING - ERIS


 NORM PN-EN 60598-1


Advantages of lamp housings ERIS


- A very large selection of lamp housings configurations
- Directional and side lighting
- High impact resistance of the lampshades - IK10!
- The lampshade is made of high-quality material - polycarbonate (PC)
- UV Resistant
- Internal protection IP44
- LED versions with a radar motion sensor and a corridor function



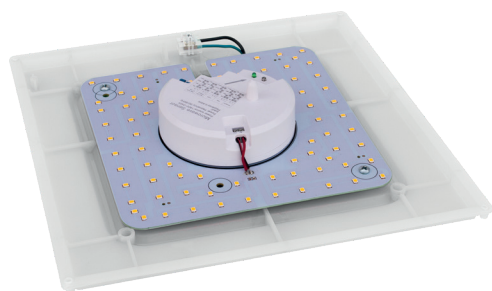
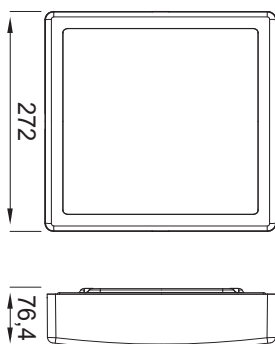
Light source: E27

Version	Motion sensor	Supply	Power max.	Lampshade: Lacteal			 #
				White ring	Black ring	Silver ring	
Standard version with motion sensor	✓	230V AC	18W	D.31100RM	D.31100CRM	D.31100SRM	1
Standard version	-	230V AC	18W	D.31100M	D.31100CM	D.31100SM	1

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

Version	Luminous flux	Motion sensor	Supply	Power	Lampshade: Lacteal			 #
					White ring	Black ring	Silver ring	
Standard version with motion sensor	1400lm	✓	230V AC	13W	D.31100RM-BN-13W	D.31100CRM-BN-13W	D.31100SRM-BN-13W	1
Standard version	1400lm	-	230V AC	13W	D.31100M-BN-13W	D.31100CM-BN-13W	D.31100SM-BN-13W	1

LAMP HOUSING WALL AND CEILING - IRYS


 NORM PN-EN 60598-1


Advantages of lamp housings IRYS


- A very large selection of lamp housings configurations
- Directional lighting
- High impact resistance of the lampshades - IK10!
- The lampshade is made of high-quality material - polycarbonate (PC)
- UV Resistant
- Internal protection IP44
- LED versions with a radar motion sensor with a corridor function



Light source: E27

Version	Motion sensor	Supply	Power max.	Lampshade: Lacteal			 #
				White ring	Black ring	Silver ring	
Standard version with motion sensor	✓	230V AC	18W	D.31101RM	D.31101CRM	D.31101SRM	1
Standard version	-	230V AC	18W	D.31101M	D.31101CM	D.31101SM	1

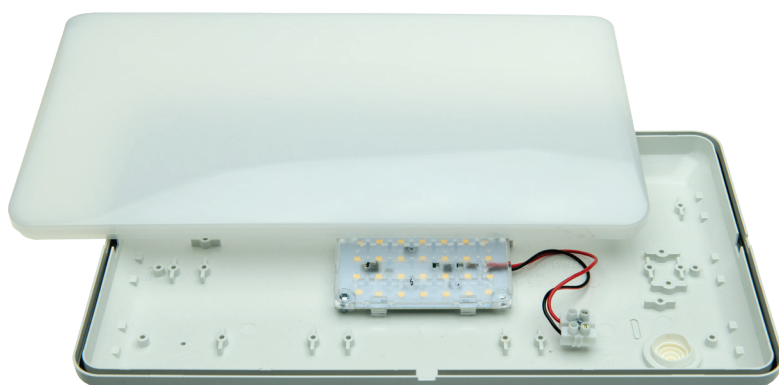
Light source: LED SMD, CRI>80, color 4000K - neutral white

Version	Luminous flux	Motion sensor	Supply	Power max.	Lampshade: Lacteal			 #
					White ring	Black ring	Silver ring	
Standard version with motion sensor	1400lm	✓	230V AC	18W	D.31101RM-BN-13W	D.31101CRM-BN-13W	D.31101SRM-BN-13W	1
Standard version	1400lm	-	230V AC	18W	D.31101M-BN-13W	D.31101CM-BN-13W	D.31101SM-BN-13W	1

LAMP HOUSING VERA LED

 NORM PN-EN 60598-1


POSSIBILITY OF ADDING PICTOGRAMS



Lamp housing VERA LED 5W

● D.3322-BN-5W/24V

● D.3322-BN-5W



Lamp housing VERA LED 10W

● D.3322-BN-10W/24V

● D.3322-BN-10W

Lamp housing VERA LED
with twilight sensor

● D.3422-BN-5W

● D.3422-BN-10W

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

Version	Twilight sensor,	Width / height / depth	Supply	Power	IP	IK	Lampshade: Lactea, white bottom	#
Standard version 5W 24V~	-	330 / 185 / 45 mm	24V~	5W	IP54	IK08	D.3322-BN-5W/24V	1
Standard version 5W 230V~	-	330 / 185 / 45 mm	230V~	5W	IP54	IK08	D.3322-BN-5W	1
Standard version 10W 24V~	-	330 / 185 / 45 mm	24V~	10W	IP54	IK08	D.3322-BN-10W/24V	1
Standard version 10W 230V~	-	330 / 185 / 45 mm	230V~	10W	IP54	IK08	D.3322-BN-10W	1
Version with twilight sensor, power 5W	✓	330 / 185 / 45 mm	230V~	5W	IP54	IK08	D.3422-BN-5W	1
Version with twilight sensor, power 10W	✓	330 / 185 / 45 mm	230V~	10W	IP54	IK08	D.3422-BN-10W	1

LAMP HOUSING PANDA OVAL

 NORM PN-EN 60598-1



● D.3176

- High impact resistance of the lampshades - IK10!
- The lampshade is made of high-quality material - polycarbonate (PC)
- UV Resistant
- Internal protection IP65
- Includes PG9 cable gland
- Length: 280 mm, width 170 mm, height: 106 mm
- E27 ceramic lampholder

● D.3176M




● D.3176C



● D.3176CM



Light source: E27, IP65

Version	Motion sensor	Supply	Power max.	Lampshade: Transparent		Lampshade: Lacteal		 #
				White bottom	Black bottom	White bottom	Black bottom	
Standard version	-	230V AC	25W	D.3176	D.3176C	D.3176M	D.3176CM	1/16



LAMP HOUSING PUMA OVAL

Cable glands PG9

Lampshade IK10

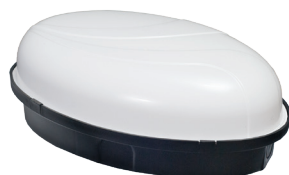
NORM PN-EN 60598-1



● D.3189C



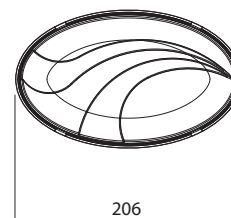
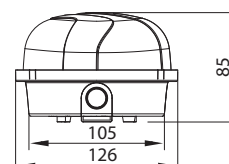
● D.3189



● D.3189CM



● D.3189M



Light source: E27, Ceramic lampholder, IP65

Version	Motion sensor	Supply	Power max.	Lampshade: Transparent		Lampshade: Lacteal		#
				White bottom	Black bottom	White bottom	Black bottom	
Standard version	-	230V AC	18W	D.3189	D.3189C	D.3189M	D.3189CM	1/15



LAMP HOUSING PUMA ROUND

Cable glands PG9

Lampshade IK10

NORM PN-EN 60598-1



● D.3188C



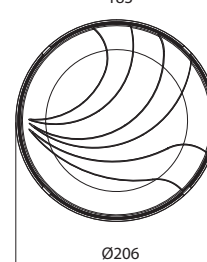
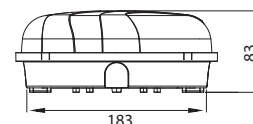
● D.3188



● D.3188CM



● D.3188M



Light source: E27, Ceramic lampholder, IP65

Version	Motion sensor	Supply	Power max.	Lampshade: Transparent		Lampshade: Lacteal		#
				White bottom	Black bottom	White bottom	Black bottom	
Standard version	-	230V AC	18W	D.3188	D.3188C	D.3188M	D.3188CM	1/15

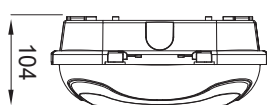
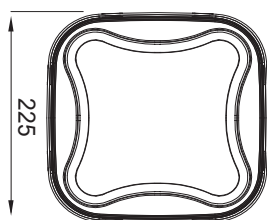
Cable glands PG9

Lampshade IK10

LAMP HOUSING PANDA KARO



NORM PN-EN 60598-1



Light source: E27, IP54

Version	Motion sensor	Supply	Power max.	Lampshade: Transparent			Lampshade: Lacteal		
				White bottom	Black bottom	☐ #	White bottom	Black bottom	☐ #
Standard version with motion sensor	✓	230V AC	18W	D.317354R	D.317354CR	1/8	D.317354RM	D.317354CRM	1/12
Standard version	-	230V AC	18W	D.317354	D.317354C	1/8	D.317354M	D.317354CM	1/12

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

Version	Luminous flux	Motion sensor	Supply	Power	Lampshade: Transparent			Lampshade: Lacteal		
					White bottom	Black bottom	☐ #	White bottom	Black bottom	☐ #
Standard version with motion sensor	1400lm	✓	230V AC	13W	D.317354R-BN-13W	-	1/8	D.317354RM-BN-13W	-	1/12
Standard version	1400lm	-	230V AC	13W	-	-	-	D.317354M-BN-13W	-	1/12

LAMP HOUSING SEZAR

 NORM PN-EN 60598-1


● D.3125
● D.3125A



● D.3125-BN-9W
● D.3125A-BN-9W
● D.3125A-BN-13W



● D.3126
● D.3126A
● D.3126-BN-13W
● D.3126A-BN-13W



SEZAR LED



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.

Light source: E27, ceramic lampholder

Version	Catalogue Number	Lampshade color	Width / height / depth	Supply	Power	IP	#
Lamp housing SEZAR	D.3125	white mat	226 / 114 / 105 mm	230V~	60W	IP44	1/12
Lamp housing SEZAR	D.3125A	white mat	226 / 114 / 105 mm	230V~	60W	IP54	1/12
Lamp housing SEZAR	D.3126	red	226 / 114 / 105 mm	230V~	60W	IP44	1/12
Lamp housing SEZAR	D.3126A	red	226 / 114 / 105 mm	230V~	60W	IP54	1/12

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

Version	Catalogue Number	Lampshade color	Width / height / depth	Supply	Power	IP	Luminous flux	#
Lamp housing SEZAR LED	D.3125-BN-9W	white mat	226 / 114 / 105 mm	230V~	9W	IP44	900 lm	1/12
Lamp housing SEZAR LED	D.3125A-BN-9W	white mat	226 / 114 / 105 mm	230V~	9W	IP54	900 lm	1/12
Lamp housing SEZAR LED	D.3125A-BN-13W	white mat	226 / 114 / 105 mm	230V~	13W	IP54	1400 lm	1/12
Lamp housing SEZAR LED	D.3126-BN-13W	red	226 / 114 / 105 mm	230V~	13W	IP44	1400 lm	1/12
Lamp housing SEZAR LED	D.3126A-BN-13W	red	226 / 114 / 105 mm	230V~	13W	IP54	1400 lm	1/12


LAMP HOUSING SEZAR LED SLIM IP65

 NORM PN-EN 60598-1



- D.3129-BN-9W
- D.3129-BN-13W

Light source: LED, light color: neutral white 4000K, CRI>80, IP65

Version	Dimensions	Supply	IP	Power max.	Lampshade: Lacteal	 #
					White bottom	
Lamp housing SEZAR LED SLIM IP65 9W	117 / 230 / 60 mm	230V AC	IP65	9W	D.3129-BN-9W	1
Lamp housing SEZAR LED SLIM IP65 13W	117 / 230 / 60 mm	230V AC	IP65	13W	D.3129-BN-13W	1

A. Mounting boxes

B. Power equipment, cable extenders

C. Housing, distribution boards

CZ. Pipes, ducts


D. Lighting equipment

E. Terminal strips

H. Cable clips and ties

R. Lightning installation

LAMP HOUSING WITH PLASTIC NET


 NORM PN-EN 60598-1 IP44 Lampholder E27 - ceramic | ~230V | Pmax = 18W | Lampshade: Transparent



Light source: E27, Ceramic lampholder, IP44

Version	Dimensions	Supply	Power max.	Lampshade: Transparent Material: glass			Lampshade: Transparent Material: polycarbonate UV Resistant	#
				White bottom	Grey bottom	Black bottom	White bottom	
Standard version OWAL60, plastic net	170 / 110 / 125 mm	230V AC	18W	D.3151	D.3151S	D.3151C	D.3151P	12/1
Standard version OWAL100, plastic net	202 / 109 / 135 mm	230V AC	18W	D.3155	-	-	D.3155P	10/1

LAMP HOUSING WITH METAL NET

 NORM PN-EN 60598-1 IP44 Lampholder E27 - ceramic | ~230V | Pmax = 18W | Lampshade: Transparent



Light source: E27, Ceramic lampholder, IP44

Version	Dimensions	Supply	Power max.	Lampshade: Transparent Material: glass			Lampshade: Transparent Material: polycarbonate UV Resistant	#
				White bottom	Grey bottom	Black bottom	White bottom	
Standard version OWAL60, metal net	170 / 115 / 125 mm	230V AC	18W	D.3166	D.3166S	D.3166C	D.3152	12/1
Standard version OWAL100, metal net	195 / 115 / 135 mm	230V AC	18W	D.3166P	-	-	D.3152P	10/1

LAMP HOUSING OWAL SLIM LED

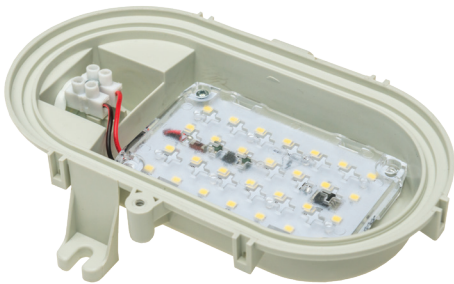


Includes a light diffuser | Pmax = 5W | Lampshade: Lacteal

 NORM PN-EN 60598-1




● D.3165-BN-5W





● D.3165-BN-5W/24V

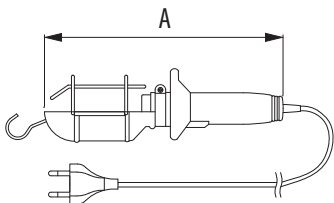
Light source: LED, light color neutral white, IP44

Version	Dimensions	Supply	IP	Power max.	Lampshade: Lacteal	Luminous flux	 #
					White bottom		
Standard version OWAL SLIM LED 230V AC	179 / 125 / 56 mm	230V AC	IP44	5W	D.3165-BN-5W	560 lm	1
Standard version OWAL SLIM LED, 24V AC / DC	179 / 125 / 56 mm	24V AC / DC	IP44	5W	D.3165-BN-5W/24V	420 lm	1

HAND LAMP HOUSING TYPE PL-2 & PL-3

Wire: H05RN-F2x0,75 | E27 | ~230 V | Pmax = 18W | IP20 | Plug without grounding | Protection class: 2

 NORM PN-EN 60598-1, PN-EN 60598-2-8 |  # : 1



- New improved portable hand lamps equipped with a polychloroprene wire shell (rubber)
- 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 significantly increased safety during use.



Type PL-2
●● D.3036G
Cable length: 5 m
Dimension A: 330 mm



Type PL-3
●● D.3037G
Cable length: 10 m
Dimension A: 330 mm



Type PL-2
● D.3031G
Cable length: 5m
Dimension A: 320 mm



Type PL-3
● D.3032G
Cable length: 10m
Dimension A: 320 mm

MOTION SENSORS

Radar motion sensors

Radar motion sensors (microwave) operate in the 5.6 GHz frequency band- emitting waves and detecting changes in echo caused by the Doppler effect. The echo change is a frequency shift caused by alterations in the relative positions of the wave source and the receiver. This technology enables to detect the motion even through glass surface, thin walls, and doors. The application of 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, which include LED panels with power ratings of 9W, 13W, 20W, and light colors of neutral white or cold white, equipped with motion sensors with a corridor function.

The corridor function allows the LED light source to gradually dim to specified thresholds of 0% (total OFF), 10%, 20%, and 30% after motion stops, rather than completely shutting down the light source.

The sensor parameters can be adjusted - including detection range, light source operating time after movement stops, consideration of ambient light conditions, and control of dimming parameters like light intensity and dimming time.

Simple programming of radar motion sensor with corridor function



Distance		Time		Light		Corridor function			
1	2	3	4	5	6	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	5m	10s	1min	day	10Lux	0%	10%	24h	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	10m	5 min	10min	30Lux	50Lux	20%	30%	30min	60min
<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"/>

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

- Avoid installation near areas with rapid air temperature changes, such as air conditioning units or central heating systems.
- Avoid installation near premises that are close to busy streets, as moving vehicles can interfere the sensor functioning,
- Install the sensor away from windows and doors to avoid detecting traffic outside the room.
- Do not install two radar sensors operating at the same frequency in the same room, as they can interfere with each other's work.

BUILT-IN MOTION SENSORS



NORM PN-EN 60669-1 PN-EN 60669-2

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



AFRODYTA LED

MOTION SENSORS



Name	Radar motion sensor MINI	Radar motion sensor	Radar motion sensor
Catalogue No.	D.3407M	D.3407	D.3408
Supply voltage:	~220-240V AC, 50-60Hz	~220-240V AC, 50-60Hz	~24V AC, 50-60Hz
Rated power:	0,9 W	0,9 W	0,9 W
Rated load:	1200W	1200W	1200W
Wave radiation power:	<10mW	<10mW	<10mW
Wave frequency:	5,8 GHz	5,8 GHz	5,8 GHz
Operation angle in ceiling position:	360°	360°	180°
Range:	1-8m	1-8m	1-8m
Operating time:	8 s -12 min	8 s -12 min	8 s -12 min
Functional range:	2-2000 Lx	2-2000 Lx	2-2000 Lx
Dimensions:	70 x 42 x 40 mm	90 x 42 x 44 mm	90 x 42 x 44 mm

LAMP HOLDER, BAKELITE

 NORM PN-EN IEC 60238:2018-06



● D.3001



● D.3002

Name	Catalogue No.	I / U	Color	Flange	Diameter / Length	Wire	Attach	☐ #
Lamp holder, bakelite E14	D.3001	2A / ~250V	●	-	Ø28mm / 58 mm	-	M10x1	50
Lamp holder, bakelite E27	D.3002	4A / ~250V	●	-	Ø38mm / 60 mm	-	M10x1	50

ADAPTERS

 NORM PN-IEC 60884-1:2006/A2:2016-01, PN-IEC 60884-1:2006/A1:2009, PN-EN 50565-1:2014-11


● D.3105




● D.3106



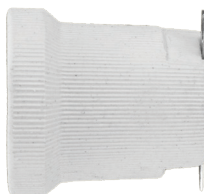
● D.3107

Name	Catalogue No.	I / U	Color	Adapter	Diameter / Length	Wire	Attach	☐ #
Adapter E27/E14	D.3105	2A / ~250V	●	E27/E14	Ø24mm / 42 mm	-	-	12
Adapter E14/GU10	D.3106	4A / ~250V	●	E14/GU10	Ø34mm / 54 mm	-	-	12
Adapter E27/GU10	D.3107	4A / ~250V	●	E27/GU10	Ø34mm / 54 mm	-	-	12

LAMP HOLDERS, PORCELAIN

 NORM PN-IEC 60884-1:2006/A2:2016-01, PN-IEC 60884-1:2006/A1:2009, PN-EN 50565-1:2014-11


● D.3009A



● D.3012A



● D.3187

Name	Catalogue No.	I / U	Color	Flange	Diameter / Length	Wire	Attach	☐ #
Lamp holders, porcelain E27 type 426	D.3009A	4A / ~250V	●	-	Ø40mm / 45 mm	-	Lamella	20
Lamp holders, porcelain E40	D.3012A	16A / ~750V	●	-	Ø70mm / 73 mm	-	Lamells	10/1
Lamp holders, porcelain GU10 LED / halogen	D.3187	2A / ~250V	●	-	Ø22mm / 15 mm	Length 90-130 mm	-	100

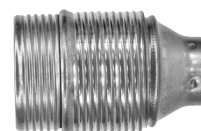
LAMP HOLDER, METAL



NORM PN-EN IEC 60238:2018-06



D.ON20



D.ON19

Name	Catalogue No.	I / U	Color	Flange	Diameter / Length	Wire	Attach	☐ #
Lamp holder, metal ON20 E27 with flange	D.ON20	4A / ~250V	●	✓	Ø38mm / 61 mm Flange Ø55mm	-	M10x1	5/100
Lamp holder, metal ON19 E27	D.ON19	4A / ~250V	●	-	Ø38mm / 61 mm	-	M10x1	10/100

LAMP HOLDER, THERMOPLASTIC



NORM PN-IEC 60884-1:2006/A2:2016-01, PN-IEC 60884-1:2006/A1:2009, PN-EN 50565-1:2014-11



● D.3004 ● D.3004B



● D.3005 ● D.3005B



● D.3006MA



● D.3027 ● D.3027B



● D.3006 ● D.3006B



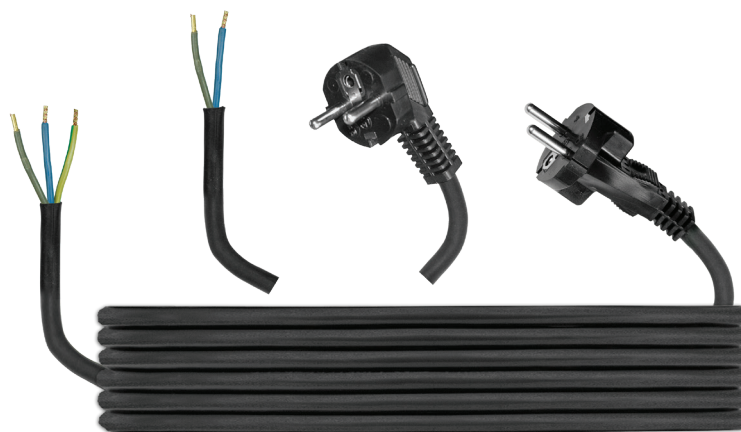
● D.3186B-1

Name	Catalogue No.	I / U	Color	Flange	Diameter / Length	Wire	Attach	☐ #
Lamp holder, thermoplastic E-14	D.3004	2A / ~250V	●	-	Ø26mm / 56 mm	-	M10x1	20
Lamp holder, thermoplastic E-14	D.3004B	2A / ~250V	●	-	Ø26mm / 56 mm	-	M10x1	20
Lamp holder, thermoplastic E-14 with flange	D.3027	2A / ~250V	●	✓	Ø28mm / 57 mm	-	M10x1	20
Lamp holder, thermoplastic E-14 with flange	D.3027B	2A / ~250V	●	✓	Ø28mm / 57 mm	-	M10x1	20
Lamp holder, thermoplastic E-27	D.3005	4A / ~250V	●	-	Ø39mm / 62 mm	-	M10x1	20
Lamp holder, thermoplastic E-27	D.3005B	4A / ~250V	●	-	Ø39mm / 62 mm	-	M10x1	20
Lamp holder, thermoplastic E-27 with flange	D.3006	4A / ~250V	●	✓	Ø41mm / 61 mm	-	M10x1	20
Lamp holder, thermoplastic E-27 with flange	D.3006B	4A / ~250V	●	✓	Ø41mm / 61 mm	-	M10x1	20
Lamp holder, thermoplastic E27 with wire	D.3006MA	4A / ~250V	●	✓		2 x 0,75mm ² , 190 mm	M10x1	25
Lamp holder, thermoplastic E27	D.3186B-1	4A / ~250V	●	-	Ø40mm / 45 mm	-	wkręty	1

CONNECTING WIRE



NORM PN-IEC 60884-1, PN-IEC 60884-1:2006/A1:2009, PN-EN 50565



Connecting wire, molded plug UNI-SCHUKO

Connecting wire - H05RR RUBBER

Catalogue Number ● black	Type	Plug	Cable 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

Connecting wire - H05VV igielit

Catalogue Number ● black	Type	Plug	Cable length
D.3522	Connecting wire H05VV F3x1,5	Plain	3 m
D.3523	Connecting wire H05VV F3x1,5	Plain	5 m

PG AND MG CABLE GLANDS



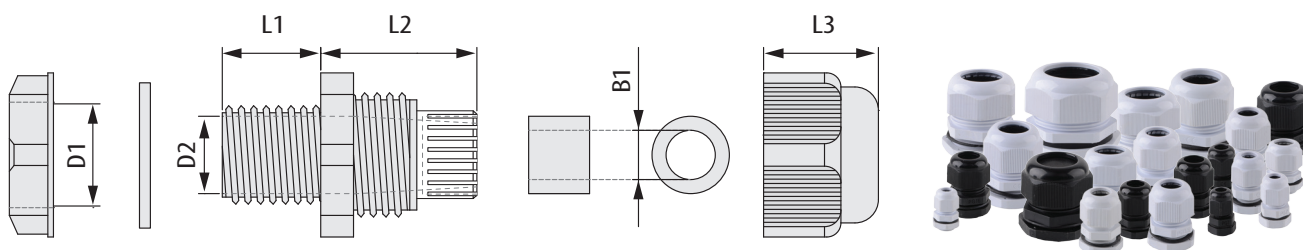
NORM PN-EN 62444:2014-01

Cable glands PG




Catalogue Number		Type	Ø assembly	D1	D2	B1	L1	L2	L3	Ø wire	Spanner	IP	📦 #
🟡 grey	🟢 black	[-]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[-]	[-]
D.3070	D.3070C	PG-7	12,5	12,3	8,3	6,5	8,0	20,2	14,7	3,5-6,0	16/18	68	50
D.3071	D.3071C	PG-9	15,2	15,2	11,0	8,0	9,5	21,0	15,7	6,0-8,0	18/22	68	50
D.3072	D.3072C	PG-11	18,3	18,2	13,5	9,5	8,5	23,0	17,2	8,0-10,0	22/24	68	50
D.3073	D.3073C	PG-13,5	19,5	20	15,7	12,0	9,0	24,2	18,2	10,0-12,0	24/26	68	50
D.3074	D.3074C	PG-16	22,5	22,2	17,8	13,0	11,0	25,5	18,2	12,0-14,0	26/30	68	50
D.3075	D.3075C	PG-21	28,2	28,2	22,8	18,0	11,0	28,7	22,0	14,0-18,0	32/36	68	50
D.3076	D.3076C	PG-29	37,2	36,7	31,0	27,5	12,0	32,0	24,0	18,0-25,0	42/45	68	10
D.3077	-	PG-36	47,2	46,8	40,2	34,5	15,5	39,0	27,2	25,0-32,0	51/58	68	10
D.3078	-	PG-42	53,9	52,2	46,5	39,6	15,2	44,1	30,5	32,0-38,0	60/64	67	10
D.3079	-	PG-48	59,3	58,2	49,0	45,1	15,2	48	30,0	38,0-44,0	64/68	67	10

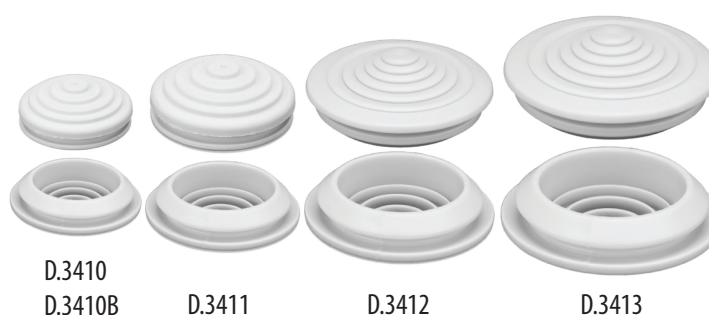
Cable glands MG

Catalogue Number	Type	Ø assembly	D1	D2	B1	L1	L2	L3	Ø wire	Spanner	IP	#
[-]	[-]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[-]	[-]
D.3088	M12	12,0	10,0	8,0	6,0	7,5	18,5	15,5	3,0-6,5	16/18	67	25
D.3089	M16	16,0	15,7	11,0	8,0	9,5	21,0	15,7	6,5-8,0	19/22	68	50
D.3080	M20	20,0	19,8	15,6	12,0	9,0	24,2	18,2	8,0-10,0	24/27	68	25
D.3081	M25	24,0	23,5	19,0	18,0	11,0	28,5	22,0	12,0-18,0	32/32	68	25
D.3082	M32	32,0	31,7	25,8	22,0	12,8	29,9	23,0	18,0-24,0	36/38	68	10
D.3083	M40	40,0	40,0	33,5	36,0	13,0	38,7	27,2	24,0-32,0	51/50	68	10
D.3090	M50	50,0	38,0	38,0	40,0	14,0	40,2	32,5	32,0-38,0	60/68	67	10
D.3091	M63	63,0	63,0	57,0	46,0	18,0	42,7	32,5	38,0-45,0	70/76	68	10



Rubber cable glands PG

Catalogue Number		Type	Ø assembly	Norm	 #
 grey	 white	[-]	[mm]	[-]	[-]
D.3410	D.3410B	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



COVER FOR SOCKET

D.3800

Cover for socket (5 pcs)+ key



POWER STRIP

~250V

16A

#1/20



NORM PN-IEC 60884-1, PN-IEC 60884-2-5

D.3802
Power strip 2x2PD.3804
Power strip 3x2PD.3803
Power strip 2x2P+ZD.3805
Power strip 3x2P+Z

SOCKETS & PLUGS

~250V

PP / PE

IP44



NORM PN-IEC 60884-1

Plug WT-16 with grounding
● D.3101NFlat plug without grounding
● D.3104 ● D.3104CFlat socket without grounding
● D.3109 ● D.3109C

16A/~250V

#1/20

Standard UNI-SCHUKO

10A/~250V

#1/25

Standard for class II devices

10A/~250V

#1/50

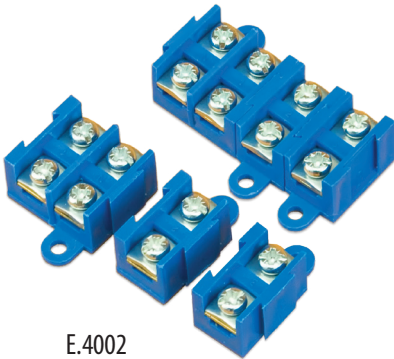
Standard for class II devices

TERMINAL STRIPS

 NORM PN-EN 60947-1, PN-EN 60947-7-1




E.4001



E.4002



E.4003

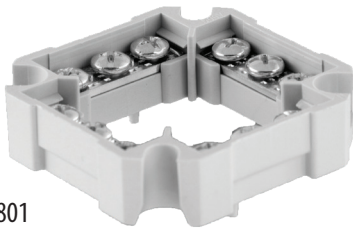
Catalogue No.	Type	Current	Cross-section	Dimensions	Possibility of connection in lines	 #
E.4001	Terminal strips LZ 2,5-6mm ² /32A	32A	2,5-6 mm ²	11/20/16	-	50
E.4002	Terminal strips LZ 4x1,5-4mm ² /32A	32A	1,5-4 mm ²	55/15/23	✓	50
E.4003	Terminal strips LZ 5x1,5-4mm ² /32A	32A	1,5-4 mm ²	69/15/23	✓	50

• Available colors:     


TERMINAL STRIPS FOR BOXES KUP68, LZ 4X4 mm²

 NORM PN-EN 60947-7-1

- Available colors: gray RAL7035, black RAL 9005
- Thermoplastic



E.6801

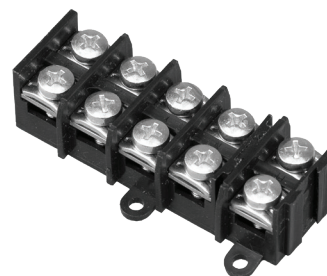
Catalogue No.	Type	Current	Voltage	Cross-section	Dimensions	 #
E.6801	Terminal strip for box KUP68, LZ 4x4 mm ²	32A	500V	4 mm ²	56,2/18,6/56,2	1

TERMINAL STRIPS LZ 10mm² / 57A
 NORM PN-EN 60998-1, PN-EN 60998-2-1



● E.4070



● E.4004A



● E.4005A

Catalogue No.	Type	Color	Current	Voltage	Cross-section	Dimensions	Possibility of connection in lines	 #
E.4070	Terminal strips LZ 1x10mm ²	●	57A	400V	10 mm ²	19/24/22	✓	25
E.4004A	Terminal strips LZ 4x10mm ²	●	57A	400V	10 mm ²	61/24/22	✓	25
E.4005A	Terminal strips LZ 5x10mm ²	●	57A	400V	10 mm ²	80/24/22	✓	25

TERMINAL STRIPS LZ 16mm² / 76A
 NORM PN-EN 60998-1, PN-EN 60998-2-1



● E.4071



● E.4006A



● E.4007A

Catalogue No.	Type	Color	Current	TH35	Cross-section	Dimensions	Possibility of connection in single lines	 #
E.4071	Terminal strips LZ 1x16mm ²	●	76A	✓	16 mm ²	25,5/41/29	✓	10
E.4006A	Terminal strips LZ 4x16mm ²	●	76A	✓	16 mm ²	100/41/29	✓	10
E.4007A	Terminal strips LZ 5x16mm ²	●	76A	✓	16 mm ²	125,5/41/29	✓	10

TERMINAL STRIPS



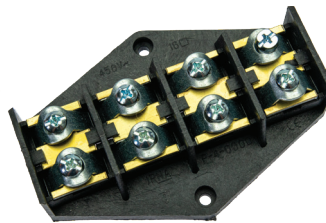
NORM PN-EN 60947-1, PN-EN 60947-7-1



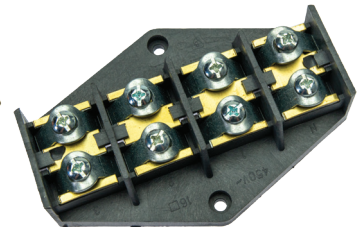
● E.4004P



● E.4005P



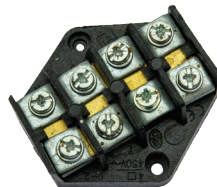
● E.4006P



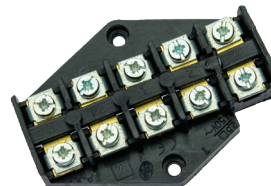
● E.4007P



● E.4317



● E.4318



● E.4319



● E.4320



● E.4008



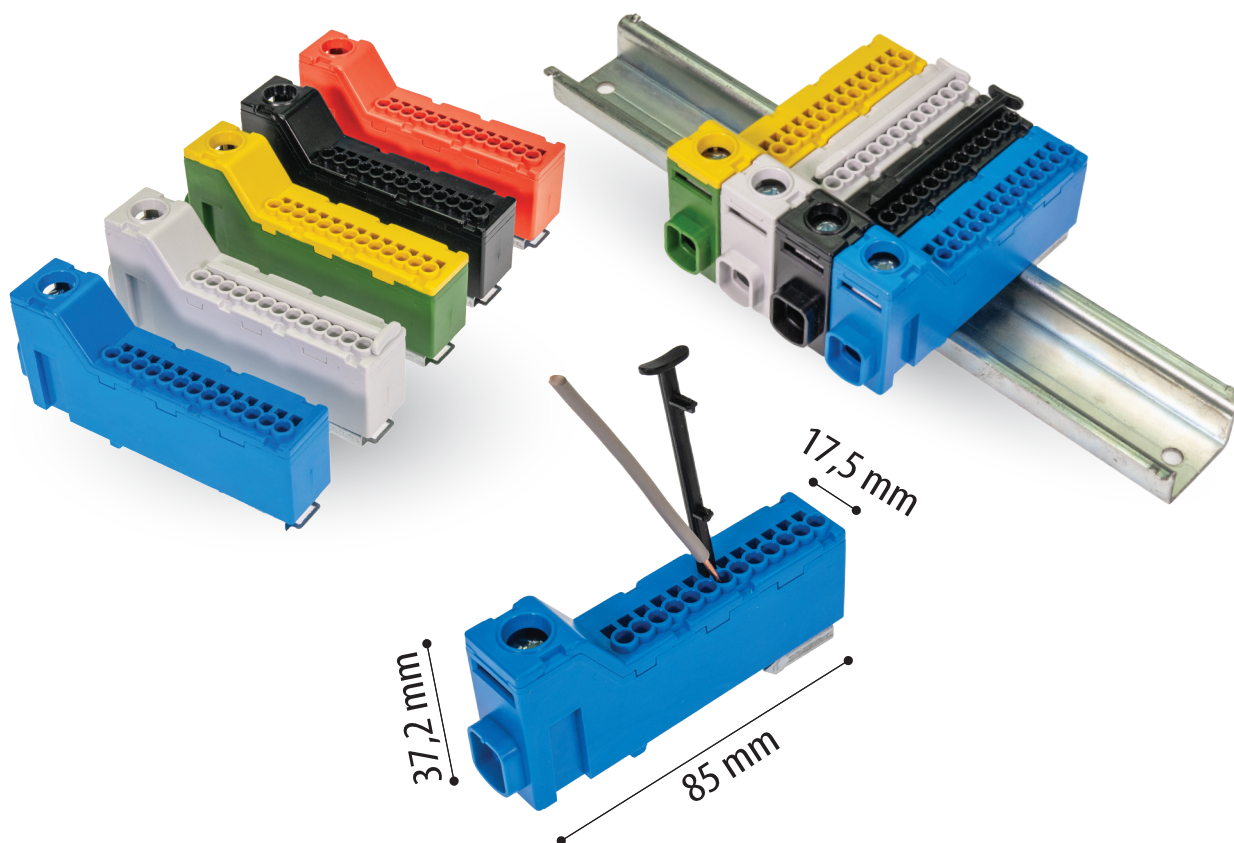
● E.4009





● E.4009A







Catalogue No.	Type	Color	Current	Cross-section	Dimensions	TH35	#
E.4004P	Terminal strips LZ 4x10mm ² / 57A	●	57A	10 mm ²	67/22/56	-	25
E.4005P	Terminal strips LZ 5x10mm ² / 57A	●	57A	10 mm ²	81/20/57	-	25
E.4006P	Terminal strips LZ 4x16mm ² / 76A	●	76A	16 mm ²	110/26,8/77	-	10
E.4007P	Terminal strips LZ 5x16mm ² / 76A	●	76A	16 mm ²	134/26/76	-	10
E.4317	Terminal strips LZ 4x2,5mm ² / 24A	●	24A	2,5 mm ²	52/12/48	-	50
E.4318	Terminal strips LZ 4x4mm ² / 32A	●	32A	4 mm ²	47/16/48	-	50
E.4319	Terminal strips LZ 5x2,5mm ² / 24A	●	24A	2,5 mm ²	64/12/48	-	50
E.4320	Terminal strips LZ 5x4mm ² / 32A	●	32A	4 mm ²	59/15/48	-	50
E.4008	Terminal strips LZ 4x35mm ² / 125A	●	125A	35 mm ²	116/29/64	-	5
E.4009	Terminal strips LZ 5x35mm ² / 125A	●	125A	35 mm ²	141/29/64	-	5
E.4009A	Terminal strips LZ 5x35mm ² / 150A	●	150A	35 mm ²	99/65/38	✓	1/20

LZB 14 THREADLESS TERMINAL STRIPS

 NORM PN-EN 60998-1:2006


- Rated insulation voltage: 1000V AC / 1500V DC
- Rated surge withstand voltage: 6 kV
- Insulation material: PC ABS
- Insert material: galvanized copper
- Tool for releasing cable from spring clip included

Connectors	Wire type	Wire cross-section	Clamp	Number of sockets	Socket depth
Output		2,5-25 mm ²	M5	1	12 mm
Input		1,5-2,5 mm ²	Spring	13	18 mm

Catalogue No.	Type	Color	Current	TH35	Cross-section	Dimensions	 #
E.4136SZ	LZB 14/SZ		63A	✓	16 mm ²	85 / 37,2 / 17,5	8
E.4136N	LZB 14/N		63A	✓	16 mm ²	85 / 37,2 / 17,5	8
E.4136ZŽ	LZB 14/ZŽ		63A	✓	16 mm ²	85 / 37,2 / 17,5	8
E.4136C	LZB 14/C		63A	✓	16 mm ²	85 / 37,2 / 17,5	8
E.4136CZ	LZB 14/CZ		63A	✓	16 mm ²	85 / 37,2 / 17,5	8

NEW

DISTRIBUTION BLOCKS SPLIT



NORM PN-EN 60947-7-1:2012



E.4096/80



E.4096/125



E.4096/160



E.4096/250



E.4096/400



E.4096/500

- Perfect for installation in control and distribution cabinets, also control panels
- Simple and easy electrical connections, effective distribution of electricity in installations
- The possibility of connecting aluminium and copper wires, cables and sleeves
- Six practical models adapted to many applications
- Possibility of mounting on TH35 rail or screws to the ground
- Screw mounting with Allen Key

Catalogue No.	Wire cross-section	Current	Voltage	Dimensions	TH35	#
E.4096/80	1 x 6-16 4 x 2,5-6 2 x 2,5-16	80A	690V	48/28/65	✓	5
E.4096/125	1 x 10-35 7 x 2,5-16	125A	690V	48/28/74	✓	5
E.4096/160	1 x 10-70 7 x 2,5-16	160A	690V	48/28/74	✓	5
E.4096/250	1 x 35-120 2 x 6-35 5 x 2,5-16 4 x 2,5-10	250A	690V	50/47/95	✓	3
E.4096/400	1 x 95-185 2 x 6-35 5 x 2,5-16 4 x 2,5-10	400A	690V	50/47/95	✓	3
E.4096/500	1 x 4 x 15 5 x 0.8 do 8 x 24 2 x 6-35 5 x 2,5-16 4 x 2,5-10	500A	690V	50/47/95	✓	3

TERMINAL STRIPS UNIVERSAL LZS IN HOUSING

NEW

 NORM PN-EN 60947-7-1:2012


E.4151/SZ



E.4153/SZ



E.4154/SZ



E.4117



E.4151/N



E.4153/N



E.4154/N



E.4118



E.4151/Z-Z



E.4153/Z-Z



E.4154/Z-Z



E.4119

- Perfect for control and distribution cabinets - where it is necessary to separate the power supply between several outputs
- High versatility in the selection of a suitable strip for specific wire cross-sections
- The possibility of connecting aluminium and copper wires, cables and sleeves.
- Screw mounting with Allen Key

Catalogue No.	Type	Wire cross-section	Current	Voltage	Dimensions	TH35	Color	#
E.4151/SZ	LZS	Cu / Al: 16-95 mm ²	Al: 220A / Cu: 245A	800 V	50 / 24 / 89	✓	Grey	5
E.4151/N	LZS	Cu / Al: 16-95 mm ²	Al: 220A / Cu: 245A	800 V	50 / 24 / 89	✓	Blue	5
E.4151/Z-Z	LZS	Cu / Al: 16-95 mm ²	Al: 220A / Cu: 245A	800 V	50 / 24 / 89	✓	Yellow/Green	5
E.4153/SZ	LZS	Cu / Al: 35-150 mm ²	Al: 290A / Cu: 320A	800 V	59,5 / 29 / 97,5	✓	Grey	5
E.4153/N	LZS	Cu / Al: 35-150 mm ²	Al: 290A / Cu: 320A	800 V	59,5 / 29 / 97,5	✓	Blue	5
E.4153/Z-Z	LZS	Cu / Al: 35-150 mm ²	Al: 290A / Cu: 320A	800 V	59,5 / 29 / 97,5	✓	Yellow/Green	5
E.4154/SZ	LZS	Cu / Al: 35-240 mm ²	Al: 380A / Cu: 425A	800 V	67,5 / 36 / 130	✓	Grey	5
E.4154/N	LZS	Cu / Al: 35-240 mm ²	Al: 380A / Cu: 425A	800 V	67,5 / 36 / 130	✓	Blue	5
E.4154/Z-Z	LZS	Cu / Al: 35-240 mm ²	Al: 380A / Cu: 425A	800 V	67,5 / 36 / 130	✓	Yellow/Green	5
E.4117	-	Cu: 2,5-50 mm ² Al: 6-50 mm ²	Al: 145A / Cu: 160A	800 V	48,8 / 18 / 70	✓	Grey	10
E.4118	-	Cu: 2,5-50 mm ² Al: 6-50 mm ²	Al: 145A / Cu: 160A	800 V	48,8 / 18 / 70	✓	Blue	10
E.4119	-	Cu: 2,5-50 mm ² Al: 6-50 mm ²	Al: 145A / Cu: 160A	800 V	48,8 / 18 / 70	✓	Yellow/Green	10

NEW

TERMINAL STRIPS UNIVERSAL LZD IN HOUSING



NORM PN-EN 60947-7-1:2012



E.4150/SZ



E.4150/N



E.4150/Ž-Z



E.4152/SZ



E.4152/N




E.4152/Ž-Z

- Perfect for control and distribution cabinets - where it is necessary to separate the power supply between several outputs
- High versatility in the selection of a suitable strip for specific wire cross-sections
- The possibility of connecting aluminium and copper wires, cables and sleeves.
- Screw mounting with Allen Key


Catalogue No.	Type	Wire cross-section	Current	Voltage	Dimensions	Color	TH35	#
E.4150/SZ	LZD	Cu: 2,5-50 mm ² Al: 6-50 mm ²	Al: 145A / Cu: 160A	800 V	44,3 / 32 / 50,8	Grey	✓	10
E.4150/N	LZD	Cu: 2,5-50 mm ² Al: 6-50 mm ²	Al: 145A / Cu: 160A	800 V	44,3 / 32 / 50,8	Blue	✓	10
E.4150/Ž-Z	LZD	Cu: 2,5-50 mm ² Al: 6-50 mm ²	Al: 145A / Cu: 160A	800 V	44,3 / 32 / 50,8	Yellow/Green	✓	10
E.4152/SZ	LZD	Cu / Al: 16-95 mm ²	Al: 220A / Cu: 245A	800 V	49,5 / 42 / 88,5	Grey	✓	5
E.4152/N	LZD	Cu / Al: 16-95 mm ²	Al: 220A / Cu: 245A	800 V	49,5 / 42 / 88,5	Blue	✓	5
E.4152/Ž-Z	LZD	Cu / Al: 16-95 mm ²	Al: 220A / Cu: 245A	800 V	49,5 / 42 / 88,5	Yellow/Green	✓	5

TERMINAL STRIP, UNIVERSAL, Al/Cu, 5-LINES

NEW

 NORM EN 60947-7-1, EN 61238-1

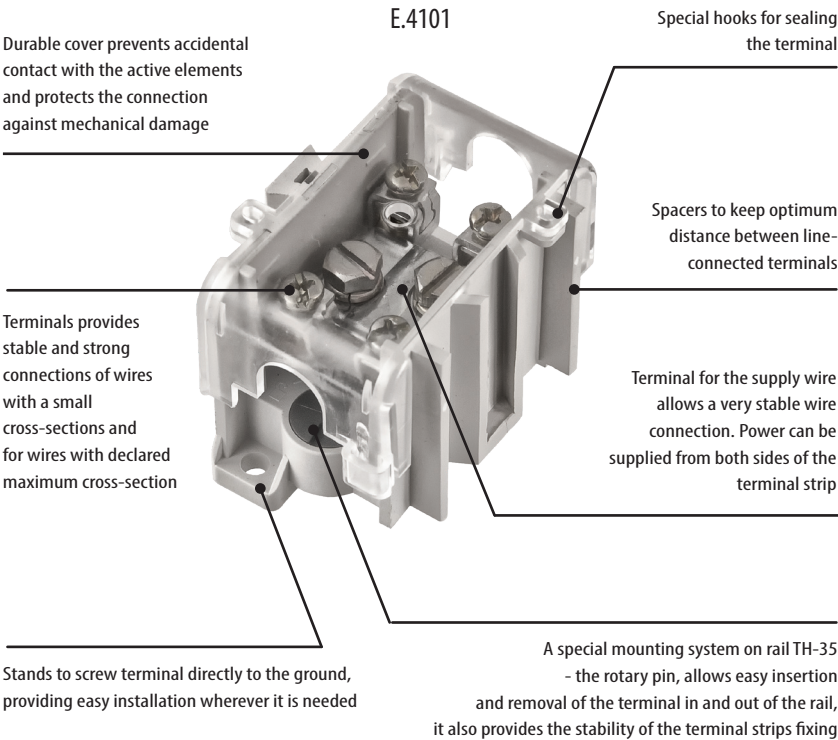


Catalogue No.	E.4160/16	E.4160/35	E.4160/50
Type	Terminal strip, universal, Al/Cu, 5-lines 5x16	Terminal strip, universal, Al/Cu, 5-lines 5x35	Terminal strip, universal, Al/Cu, 5-lines 5x50
Voltage insulation rating	750V	750V	750V
Rated current	Al: 75A, Cu: 85A	Al: 120A, Cu: 135A	Al: 145A, Cu: 160A
Number of lines	5	5	5
For wire/strand cables	✓	✓	✓
Cable cross-section	1,5-16 mm ²	2,5-35 mm ²	2,5-50mm ²
Tightening torque	1,5 Nm (1,5 mm ²) 3 Nm (2,5-16 mm ²)	3 Nm (2,5-16 mm ²) 6 Nm (25-35 mm ²)	4 Nm (2,5-4mm ²) 12 Nm (6-50mm ²)
Connection type	screw, Allen key	screw, Allen key	screw, Allen key
Mounting on TH35 rail	✓	✓	✓
Dimensions: height / width / depth	40/64/42 mm	40/80/46 mm	44/86/51 mm
 #	1	1	1

TERMINAL STRIPS WITH COVER



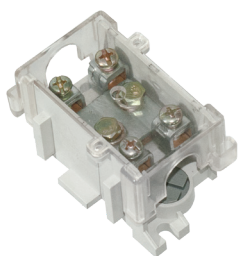
E.4026



TERMINAL STRIPS WITH COVER



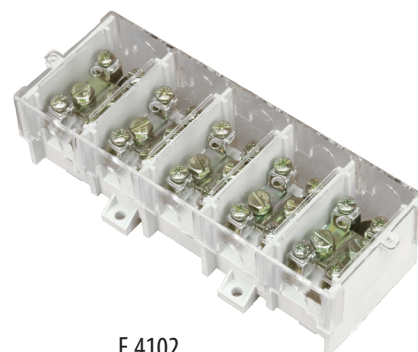
NORM PN-EN 60947-1, PN-EN 60947-7-1



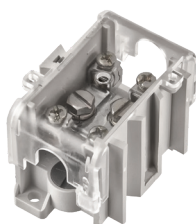
E.4028



E.4029

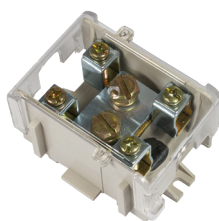


E.4102



E.4101

Possibility to connect track



E.4027



E.4026

Catalogue No.	Type	Current	Voltage	IP	Cross-section in	Cross-section out	Dimensions	TH35	#
E.4028	Terminal strips with cover LG 1x25/16	101 A	500 V	IP20	25 mm ²	16 mm ²	61,5/41/38	✓	1
E.4029	Terminal strips with cover LG 5x25/16	101 A	500 V	IP20	25 mm ²	16 mm ²	61,5/41/164	✓	1
E.4101	Terminal strips with cover LZ 1x35/16	125 A	500 V	IP20	35 mm ²	16 mm ²	50/75/51,5	✓	1
E.4102	Terminal strips with cover LZ 5x35/16	125 A	500 V	IP20	35 mm ²	16 mm ²	190/52/73	✓	1
E.4027	Terminal strips with cover LG 1x95/35	232 A	630 V	IP20	95 mm ²	35 mm ²	60/84/53	✓	1
E.4026	Terminal strips with cover LG 4x95/35	232 A	630 V	IP20	95 mm ²	35 mm ²	203/84/53	✓	1

QUICK CONNECTORS 2,5mm²



NORM PN-EN 60947-1, PN-EN 60947-7-1



E.4180



E.4181



E.4182



E.4183



E.4184

Catalogue No.	Contacts	Current	Voltage	Working temperature	Wire cross-section	Dimensions	#
E.4180	2	24A	450V	-40°C – 85°C	for wire: 0,5-2,5 mm ² for tin-plated cable: 0,5-2,5 mm ² for a cable with a ferrule: 0,5-1,5 mm ²	16,2/10/6	100
E.4181	3	24A	450V	-40°C – 85°C		16,2/14/6	100
E.4182	4	24A	450V	-40°C – 85°C		16,2/18/6	100
E.4183	5	24A	450V	-40°C – 85°C		22/16,2/6	100
E.4184	8	24A	450V	-40°C – 85°C		18/11,5/16,4	50

- Strip the wire to a length of 11 mm and insert it into the quick connector



E.4189

Threadless self-clamping connectors for cables 2,5mm²

- practical set of 100 pieces

Includes: 25 pcs E.4180, 40 pcs E.4181, 25 pcs E.4182, 10 pcs E.4183

QUICK CONNECTORS 4 mm² WITH LEVER



NORM PN-EN 60947-1, PN-EN 60947-7-1



E.4190



E.4191



E.4192



E.4193

Catalogue No.	Contacts	Current	Voltage	Working temperature	Wire cross-section	Dimensions	#
E.4190	2	32A	450V	-40°C – 85°C	for wire: 0,2-4,0 mm ² for tin-plated cable: 0,2-4,0 mm ² for a cable with a ferrule: 0,2-2,5 mm ²	19,2/15,5/10,5	100
E.4191	3	32A	450V	-40°C – 85°C		19,2/28,1/10,8	100
E.4192	4	32A	450V	-40°C – 85°C		19,2/28,1/10,8	100
E.4193	5	32A	450V	-40°C – 85°C		19,2/34,4/10,8	50

- Strip the wire to a length of 11 mm, release the clamp by lifting the lock
- Insert the wire, press the clamp lock, test the connection through the inspection hole

QUICK CONNECTOR 2,5 mm² FOR LIGHTING



NORM PN-EN 60947-1, PN-EN 60947-7-1



E.4185

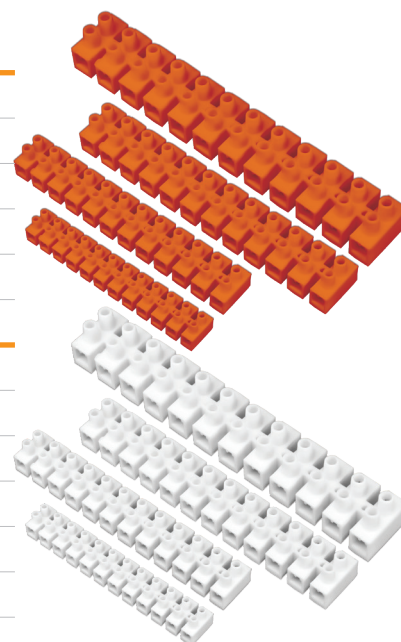


Catalogue No.	Contacts	Current	Voltage	Wire cross-section	Dimensions	#
E.4185	2	24A	~400V	2,5 mm ²	20,5/15,5/8,5	10

TERMINAL STRIPS - 12 LINES

 NORM PN-EN 60947-7-1

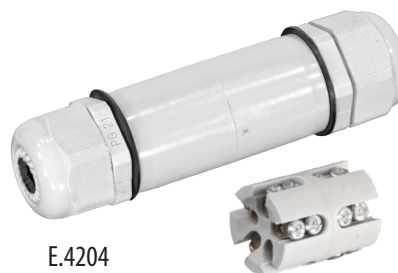
Catalogue No.	Type	Color	Current	Cross-section	Dimensions	Material	#
E.4031P	PS-2,5 mm ²	●	24A	2,5 mm ²	93/17/13	PE/PP	10/1000
E.4032P	PS-4 mm ²	●	32A	4 mm ²	115/19/16	PE/PP	10/1000
E.4033P	PS-6 mm ²	●	41A	6 mm ²	129/21/17	PE/PP	10/500
E.4034P	PS-10 mm ²	●	57A	10 mm ²	138/23/19	PE/PP	10/500
E.4035P	PS-16 mm ²	●	76A	16 mm ²	165/26/20	PE/PP	10/300
E.4036P	PS-25 mm ²	●	101A	25 mm ²	186/29/25	PE/PP	10/200
E.4031	PS-2,5 mm ²	●	24A	2,5 mm ²	93/17/13	PE/PP	10/1000
E.4032	PS-4 mm ²	●	32A	4 mm ²	115/19/16	PE/PP	10/1000
E.4033	PS-6 mm ²	●	41A	6 mm ²	129/21/17	PE/PP	10/500
E.4034	PS-10 mm ²	●	57A	10 mm ²	138/23/19	PE/PP	10/500
E.4035	PS-16 mm ²	●	76A	16 mm ²	165/26/20	PE/PP	10/300
E.4036	PS-25 mm ²	●	101A	25 mm ²	186/29/25	PE/PP	10/200



IP67 CABLE CONNECTORS

 NORM PN-EN 60947-1, PN-EN 60947-7-1


E.4203



E.4204

Catalogue No.	Type	Voltage	Cable glands	Cross-section	IP	Dimensions	#
E.4203	Cable connectors IP67, typ 5x2,5mm ²	~500V	PG16	2,5 mm ²	IP67	Ø27,5 / 110 mm	1
E.4204	Cable connectors IP67, typ 5x6 mm ²	~500V	PG21	6 mm ²	IP67	Ø33 / 124 mm	1

TH35 RAIL MOUNTING

 NORM PN-IEC 60884-1

- TH35 rail mounting grounded ~16A/250V socket
- Primary voltage: 250 V
- Contacts load capacity: 10/16 A
- Number of occupied modules: 2.5
- Product also available in a SCHUKO version




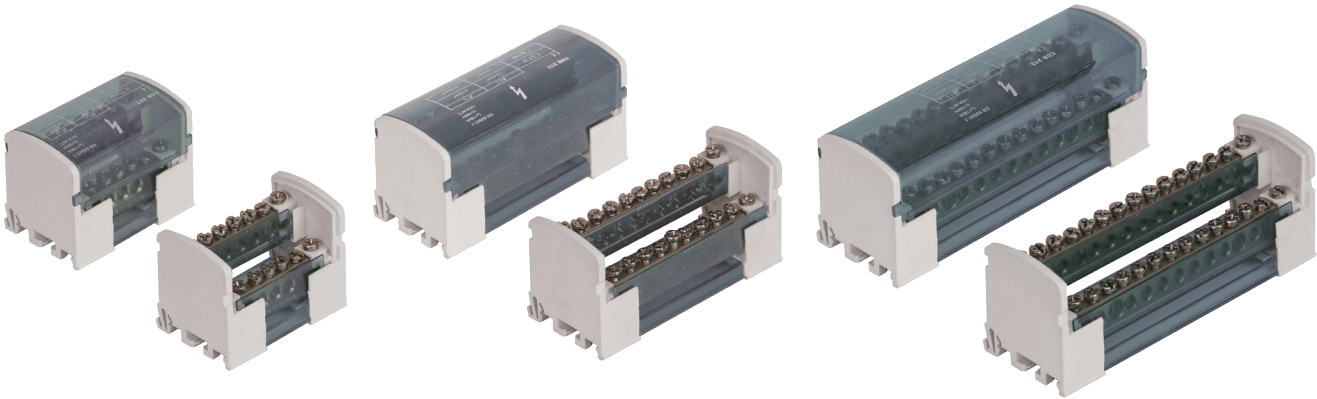
M.06-16A/250V



M.06-16A/250V-S

TERMINAL STRIPS

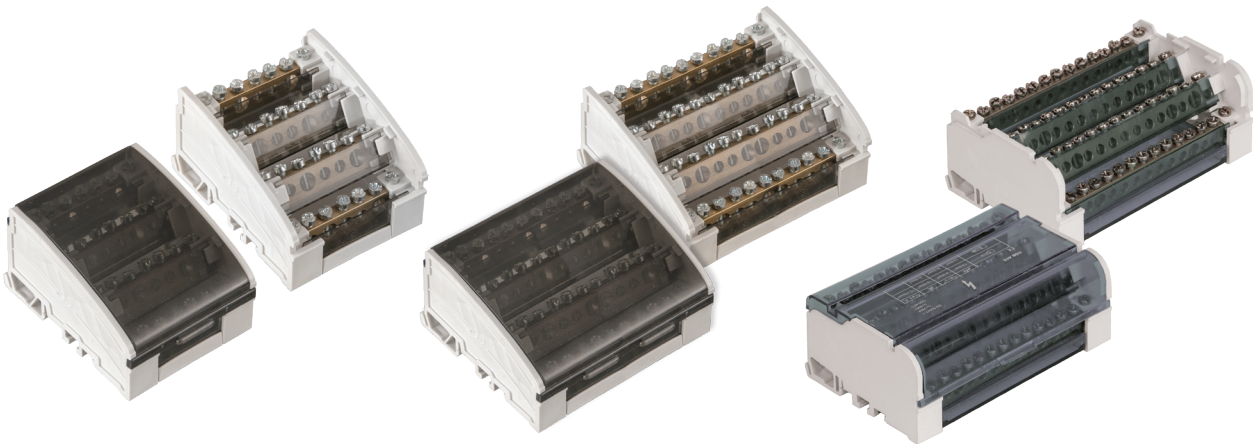
 NORM PN-EN 60947-1, PN-EN 60947-7-1



E.4073

E.4074


E.4075



E.4076

E.4077

E.4088

Catalogue No.	Name	Clamps	Current	Voltage	Dimensions	 #
E.4073	Terminal strip 2 x 7 clamps	4 x 1,5-25 10 x 1,5-10	160A	~500V	44/51/66	1
E.4074	Terminal strip 2 x 11 clamps	4 x 2,5-35 4 x 1,5-25 14 x 1,5-10	160A	~500V	44/51/101	1
E.4075	Terminal strip 2 x 15 clamps	4 x 2,5-35 4 x 1,5-25 22 x 1,5-10	160A	~500V	44/51/133	1
E.4076	Terminal strip 4 x 7 clamps	8 x 1,5-25 20 x 1,5-10	160A	~500V	88/51/66	1
E.4077	Terminal strip 4 x 11 clamps	16 x 2,5-35 28 x 1,5-10	160A	~500V	88/51/101	1
E.4088	Terminal strip 4 x 15 clamps	8 x 2,5-35 8 x 1,5-25 44 x 1,5-10	160A	~500V	88/51/133	1

TERMINAL RAIL TH35, CONTROL CONDUCTOR CLAMPS

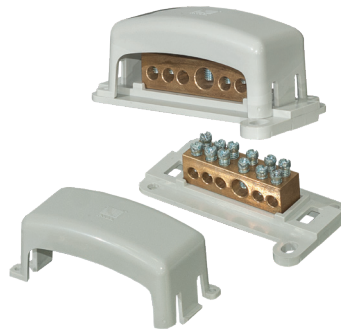
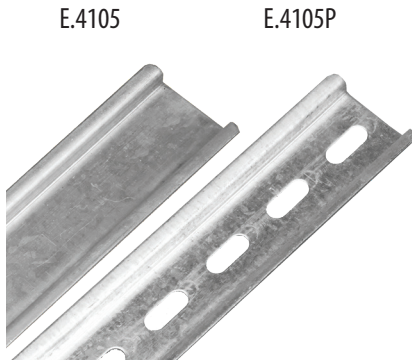


NORM PN-EN-50164-1, PN-EN-60947-1

Terminal rail TH35 - normal and perforated

Control conductor clamp - small

Control conductor clamp



E.4104M



E.4104

E.4104P
Transparent cover

Additional parameters:

- E.4105 - normal, E.4105P - perforated
- Dimensions: 35 x 7 x 1000 mm
- ☐#: 10
- Norm: PN-EN 60715

Additional parameters:

- Clamps: 5 x 10 mm², 1 x 16 mm²
- Torque: 1,2 Nm
- Dimensions: 74,1 x 47,4 x 32 mm
- ☐#: 1
- Norm: PN-EN 50164-1, PN-EN 60947-7-1

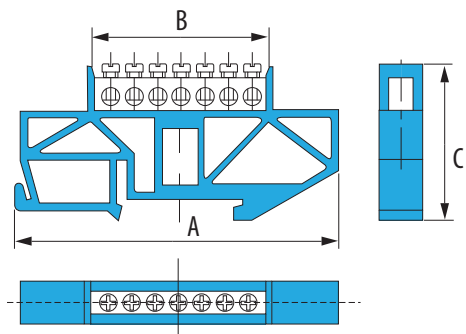
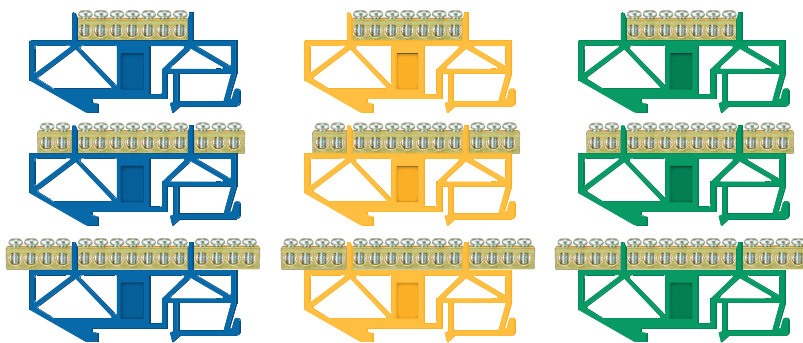
Additional parameters:

- Clamps: 7 x 16 mm², 1 x 50 mm²
- Band iron clamp: 1 x 30 mm
- Torque: 2 Nm
- Dimensions: 176 x 52 x 52 mm
- ☐#: 1
- Norm: PN-EN 50164-1, PN-EN 60947-7-1

TERMINAL STRIPS LZ - HIGH BASE - READY FOR TH 35 RAIL



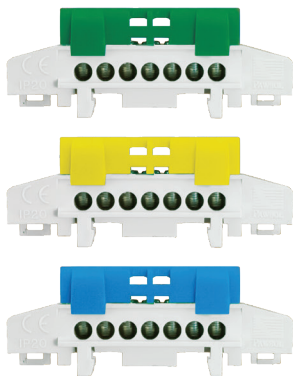
NORM PN-EN 60947-1, PN-EN 60947-7-1



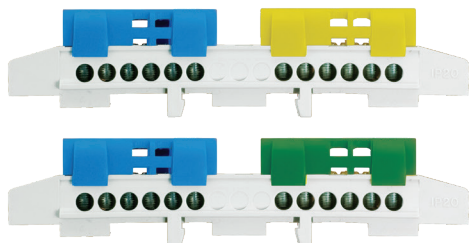
Catalogue Number	Type	Color	Dimension A	Dimension B	Dimension C	Quantity and wire cross-section*	☐#
E.4041	LZ 7 / Z	●	90	52	43	7 x 16 mm ²	10
E.4042	LZ 12 / Z	●	90	85	43	12 x 16 mm ²	10
E.4043	LZ 15 / Z	●	90	105	43	15 x 16 mm ²	10
E.4044	LZ 7 / N	●	90	52	43	7 x 16 mm ²	10
E.4045	LZ 12 / N	●	90	85	43	12 x 16 mm ²	10
E.4046	LZ 15 / N	●	90	105	43	15 x 16 mm ²	10
E.4055	LZ 7 / Ž	●	90	52	43	7 x 16 mm ²	10
E.4056	LZ 12 / Ž	●	90	85	43	12 x 16 mm ²	10
E.4057	LZ 15 / Ž	●	90	105	43	15 x 16 mm ²	10

* Cross-section 16 mm² in LZ7; LZ12; LZ15 terminal strips apply to a rigid single-wire cable

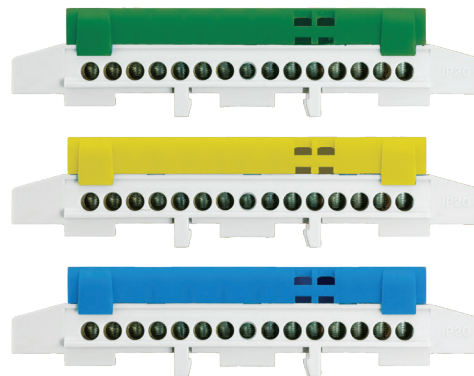
TERMINAL STRIPS IP20 - READY FOR TH 35 RAIL

 NORM PN-EN 60947-1, PN-EN 60947-7-1


LZ 7



LZ 12 - divide 2x6



LZ 15

Catalogue Number	Type	Color	A [mm]	B [mm]	C [mm]	TH35	Quantity and wire cross-section [-] x [mm ²]	☒ #:
E.4170	LZ 7 / N		85	33	19	✓	7 x 16 mm ²	10
E.4171	LZ 15 / N		135	33	19	✓	15 x 16 mm ²	5
E.4172	LZ 7 / Z		85	33	19	✓	7 x 16 mm ²	10
E.4173	LZ 15 / Z		135	33	19	✓	15 x 16 mm ²	5
E.4174	LZ 7 / Ž		85	33	19	✓	7 x 16 mm ²	10
E.4175	LZ 15 / Ž		135	33	19	✓	15 x 16 mm ²	5
E.4176	LZ 12 divide 2x6 N/Ž		135	33	19	✓	2 x 6 x 16 mm ²	5
E.4177	LZ 12 divide 2x6 N/Z		135	33	19	✓	2 x 6 x 16 mm ²	5

Note: Cross-section 16mm² in LZ7; LZ12; LZ15 terminal strips applies to a rigid single-wire cable

PROTECTION TERMINAL

 NORM PN-EN 60947-1, PN-EN 60947-7-1

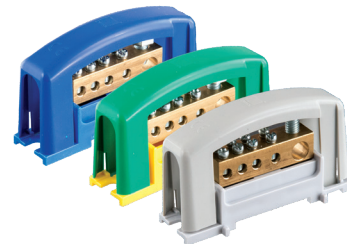
Current protection terminal 2x35 mm²
Connected wires: 2x35 mm²



Current protection terminal 2xM8 (eyed)



Current protection terminal 1x35, 4x16
Connected wires: 1x35 mm², 4x16 mm²



 E.4120P   E.4121P  E.4120SP

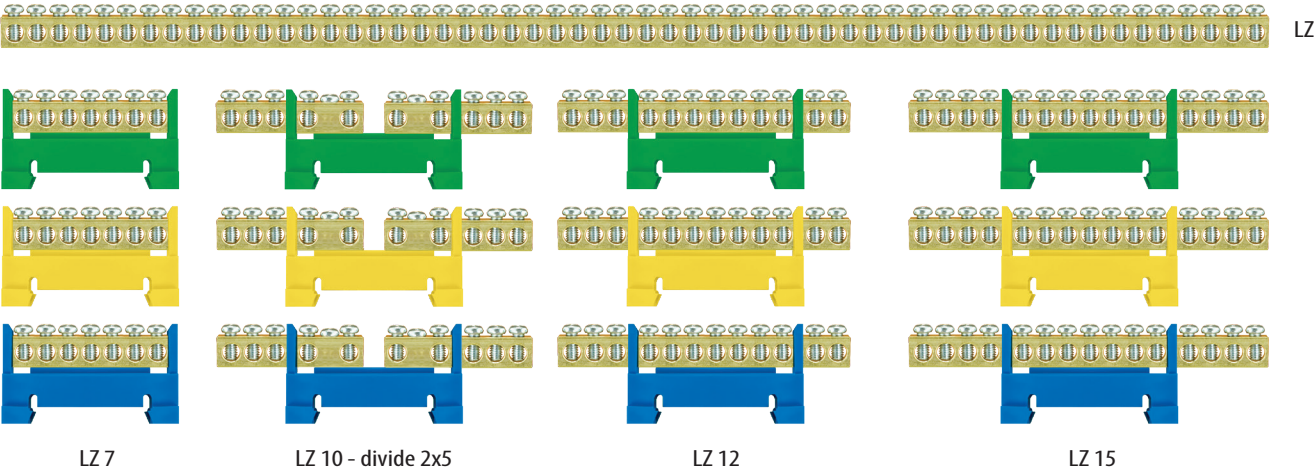
 E.4122P   E.4123P  E.4122SP




 E.4124P   E.4125P  E.4124SP

Common technical parameters: Possible to order protective terminal strips without cover.
Length: 81 mm, Width: 22 mm (25 mm with cut off distance), height: 46 mm.
Can be mounted on a TH35 rail and permanently with screws. Current: 130A. ☒ # 10 pcs.

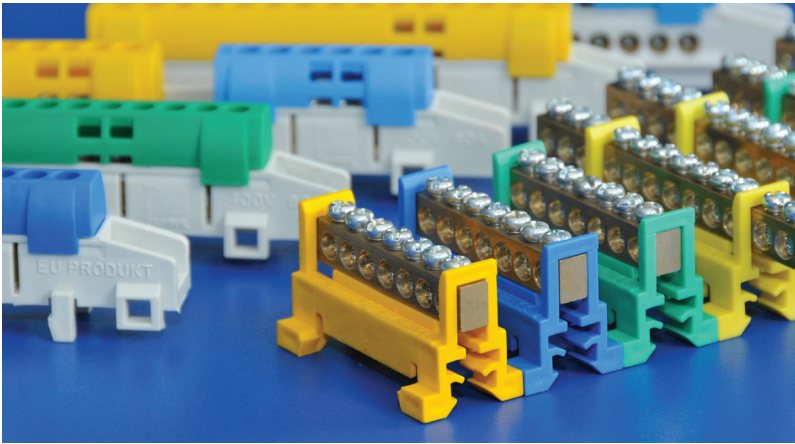
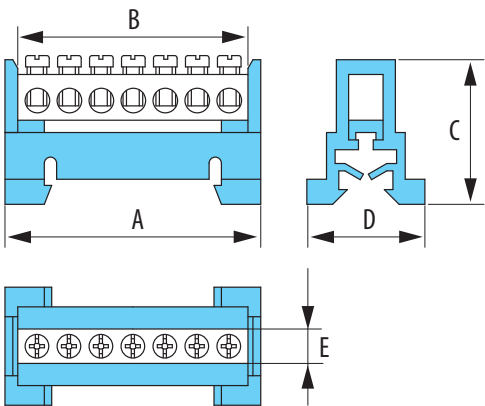
TERMINAL STRIPS ADAPTED TO ASSEMBLE ON TH 35 RAIL

 NORM PN-EN 60947-1, PN-EN 60947-7-1

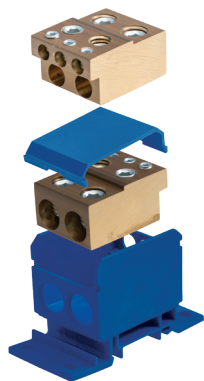


Catalogue Number	Type	Color	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	TH35	Quantity and wire cross-section [-] x [mm²]	#
E.4051-10P	LZ	-	1000	-	-	-	-	-	~170 holes x 10 mm²	1
E.4020-16P	LZ	-	1000	-	-	-	6,5	-	~150 holes x 16 mm²	1
E.4020	LZ 7 / Z		52	52	29	23	52	✓	7 x 16 mm²	10
E.4130	LZ 10 divide 2x5 / Z		52	2 x 42	29	23	52	✓	2 x 5 x 16 mm²	10
E.4021	LZ 12 / Z		52	85	29	23	52	✓	12 x 16 mm²	10
E.4022	LZ 15 / Z		52	105	29	23	52	✓	15 x 16 mm²	10
E.4052	LZ 7 / Ž		52	52	29	23	52	✓	7 x 16 mm²	10
E.4132	LZ 10 divide 2x5 / Ž		52	2 x 42	29	23	52	✓	2 x 5 x 16 mm²	10
E.4053	LZ 12 / Ž		52	85	29	23	52	✓	12 x 16 mm²	10
E.4054	LZ 15 / Ž		52	105	29	23	52	✓	15 x 16 mm²	10
E.4023	LZ 7 / N		52	52	29	23	52	✓	7 x 16 mm²	10
E.4131	LZ 10 divide 2x5 / N		52	2 x 42	29	23	52	✓	2 x 5 x 16 mm²	10
E.4024	LZ 12 / N		52	85	29	23	52	✓	12 x 16 mm²	10
E.4025	LZ 15 / N		52	105	29	23	52	✓	15 x 16 mm²	10

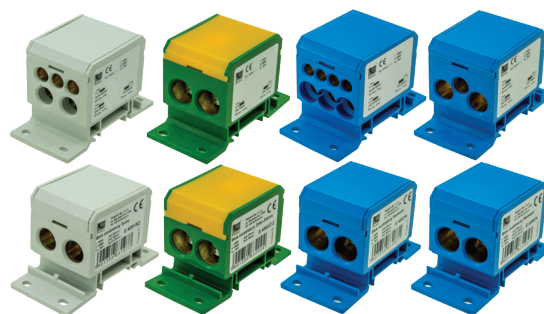
Note: Cross-section 16mm² in LZ7; LZ10; LZ12; LZ15; E.4020-16P terminal strips apply to a rigid single-wire cable



TERMINAL BLOCKS

 NORM PN-EN-60947-7-1


- 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
- Possible 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)

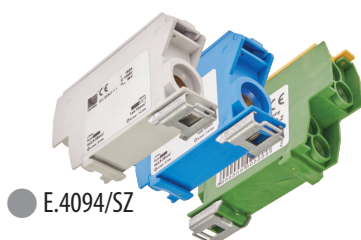


Catalogue No.	Type	Color	Installation key	Current	Voltage	Sockets depth:	#
E.4090/N	2 x 2,5-50 mm ² / 4 x 2,5-16 mm ² , 3 x 2,5-25 mm ²	Blue		160A	~600V	2,5-50: 21,5 mm 2,5-16: 9,5 mm 2,5-25: 17,5 mm	1/5
E.4090/SZ	2 x 2,5-50 mm ² / 4 x 2,5-16 mm ² , 3 x 2,5-25 mm ²	Grey					
E.4090/Ž-Z	2 x 2,5-50 mm ² / 4 x 2,5-16 mm ² , 3 x 2,5-25 mm ²	Yellow/Green					
E.4091/N	2 x 2,5-50 mm ² / 3 x 2,5-25 mm ² , 2 x 2,5-35 mm ²	Blue		160A	~600V	2,5-50: 21,5 mm 2,5-25: 12,5 mm 2,5-35: 25,5 mm	1/5
E.4091/SZ	2 x 2,5-50 mm ² / 3 x 2,5-25 mm ² , 2 x 2,5-35 mm ²	Grey					
E.4091/Ž-Z	2 x 2,5-50 mm ² / 3 x 2,5-25 mm ² , 2 x 2,5-35 mm ²	Yellow/Green					
E.4092/N	2 x 6-70 mm ² / 2 x 6-70 mm ²	Blue		160A	~600V	6-70: 25 mm	1/5
E.4092/SZ	2 x 6-70 mm ² / 2 x 6-70 mm ²	Grey					
E.4092/Ž-Z	2 x 6-70 mm ² / 2 x 6-70 mm ²	Yellow/Green					
E.4093/N	2 x 6-70 mm ² / 2 x 2,5-50 mm ² , 1 x 2,5-25 mm ²	Blue		160A	~600V	6-70: 24,5 mm 2,5-50: 21,3 mm 2,5-25: 21,3 mm	1/5
E.4093/SZ	2 x 6-70 mm ² / 2 x 2,5-50 mm ² , 1 x 2,5-25 mm ²	Grey					
E.4093/Ž-Z	2 x 6-70 mm ² / 2 x 2,5-50 mm ² , 1 x 2,5-25 mm ²	Yellow/Green					

TERMINAL BLOCKS & TERMINAL STRIPS IN HOUSING

Terminal blocks

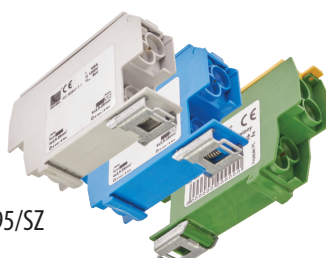
Connecting rated voltage: 240/415 V
 Insulation rated voltage: 1000 V
 Current capacity: 192 A
 Rated impulse withstand voltage: 6kV
 Insulation material: PC/ABS
 Connectors material: brass
 ☞ #: 1/12 pcs



- E.4094/SZ
- E.4094/N 1 x 4-70 mm²
- E.4094/Ž-Z 4 x 2,5-25 mm²

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
 ☞ #: 1/12 pcs



- E.4095/SZ
- E.4095/N 4 x 2,5-25 mm²
- E.4095/Ž-Z 4 x 2,5-16 mm²

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
 ☞ #: 1/12 pcs

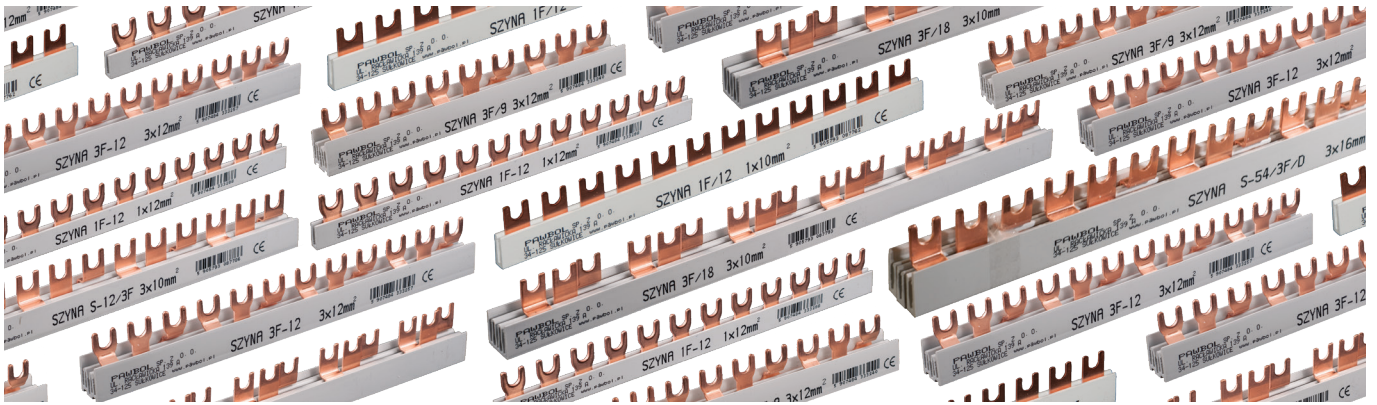


- E.4145/CU
- E.4147/CU 1 x 2,5-35 mm²
- E.4146/CU 1 x 2,5-35 mm²

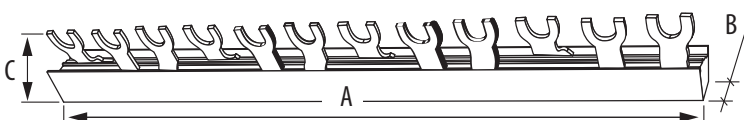
1 & 3 PHASE BUSBAR FORK



NORM PN-EN 60947-7-1



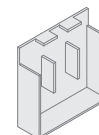
Catalogue Number	Type	Quantity of ways	Current [A]	Dimension A/B/C [mm]	Way cross-section [mm ²]	#
E.4302	S - 12	3F	63	215 / 16 / 31	10 mm ²	20 / 1
E.4303	S - 18	3F	63	322 / 16 / 31	10 mm ²	20 / 1
E.4304	S - 54	3F	63	965 / 16 / 31	10 mm ²	20 / 1
E.4300	S - 12	1F	63	215 / 5 / 29	10 mm ²	40 / 1
E.4301	S - 54	1F	63	968 / 5 / 29	10 mm ²	40 / 1
E.4036A	S - 9	3F	80	160 / 15 / 31	12 mm ²	20 / 1
E.4036B	S - 9 divide	3F	80	160 / 15 / 31	12 mm ²	20 / 1
E.4037A	S - 12	3F	80	212 / 15 / 31	12 mm ²	20 / 1
E.4037B	S - 12 divide	3F	80	212 / 15 / 31	12 mm ²	20 / 1
E.4038	S - 18	3F	80	320 / 15 / 31	12 mm ²	20 / 1
E.4038B	S - 18 divide	3F	80	320 / 15 / 31	12 mm ²	20 / 1
E.4039A	S - 54	3F	80	955 / 15 / 31	12 mm ²	20 / 1
E.4039B	S - 54 divide	3F	80	955 / 15 / 31	12 mm ²	20 / 1
E.4126A	S - 12	1F	80	212 / 5 / 26	12 mm ²	40 / 1
E.4127A	S - 54	1F	80	955 / 5 / 26	12 mm ²	40 / 1
E.4308	S - 12	3F	100	215 / 17 / 31	16 mm ²	20 / 1
E.4308B	S - 12 divide	3F	100	215 / 17 / 31	16 mm ²	20 / 1
E.4309	S - 18	3F	100	322 / 17 / 31	16 mm ²	20 / 1
E.4309B	S - 18 divide	3F	100	322 / 17 / 31	16 mm ²	20 / 1
E.4310	S - 54	3F	100	965 / 17 / 31	16 mm ²	20 / 1
E.4310B	S - 54 divide	3F	100	965 / 17 / 31	16 mm ²	20 / 1
E.4306	S - 12	1F	100	215 / 5 / 29	16 mm ²	40 / 1
E.4307	S - 54	1F	100	968 / 5 / 29	16 mm ²	40 / 1



E.4129A

3F terminal strips closer
Dimension: 18 / 8 / 21 mm

#: 1

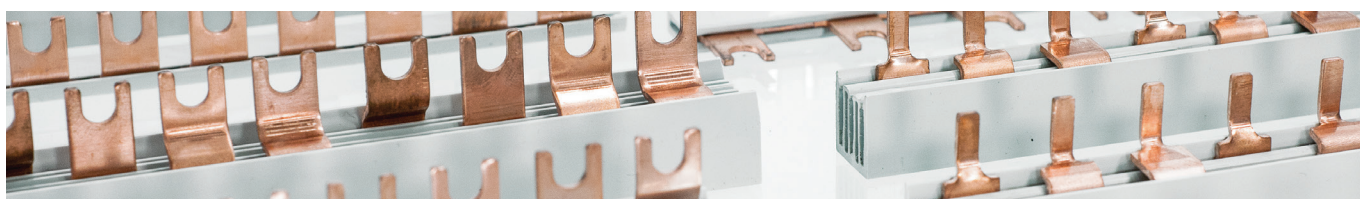



BUSBAR PIN

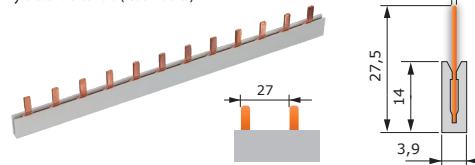



NORM PN-EN 60947-7-1

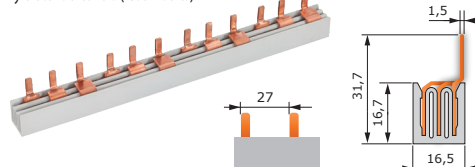
QUICK, SECURE AND ESTHETIC CONNECTION


Cross-section 16 mm² busbars. Pin implementation.

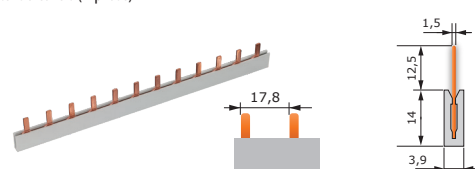
Catalogue no.	Type / Length in modules 27 mm	Number of tracks	Busbar length [m]	Weight [g]	 #
E.4116/12VSZ	12 V	1F	0,32	90	1
E.4116/36VSZ	36 V	1F	1	260	1


Busbars for connecting low voltage 27 mm module devices,
mainly electric breakers (fuse inserts)Cross-section 16 mm² busbars. Pin implementation.

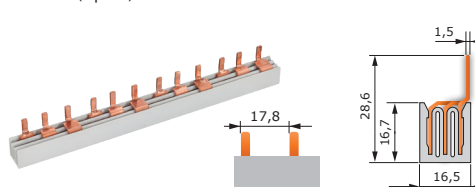
Catalogue no.	Type / Length in modules 27 mm	Number of tracks	Busbar length [m]	Weight [g]	 #
E.4316/12VSZ	12 V	3F	0,32	200	1
E.4316/36VSZ	36 V	3F	1	665	1


Busbars for connecting low voltage 27 mm module devices,
mainly electric breakers (fuse inserts)Cross-section 16 mm² busbars. Pin implementation.

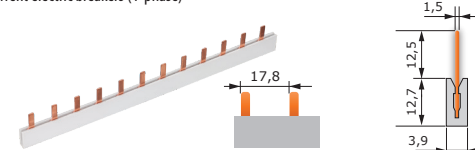
Catalogue no.	Type / Length in modules 17,8 mm	Number of tracks	Busbar length [m]	Weight [g]	 #
E.4116/12SZ	12	1F	0,21	60	1
E.4116/54SZ	54	1F	1	241	1


Busbars for connecting module devices, mainly excess-current
electric breakers (1-phase)Cross-section 16 mm² busbars. Pin implementation.

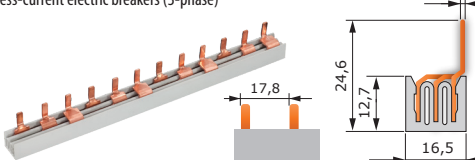
Catalogue no.	Type / Length in modules 17,8 mm	Number of tracks	Busbar length [m]	Weight [g]	 #
E.4316/12SZ	12	3F	0,21	140	1
E.4316/18SZ	18	3F	0,32	220	1
E.4316/54SZ	54	3F	1	670	1

Busbars for connecting module devices, mainly excess-current
electric breakers (3-phase)Cross-section 10 mm² busbars. Pin implementation.

Catalogue no.	Type / Length in modules 17,8 mm	Number of tracks	Busbar length [m]	Weight [g]	 #
E.4110/12SZ	12	1F	0,21	42	1
E.4110/54SZ	54	1F	1	207	1

Busbars for connecting module devices, mainly excess-
current electric breakers (1-phase)Cross-section 10 mm² busbars. Pin implementation.

Catalogue no.	Type / Length in modules 17,8 mm	Number of tracks	Busbar length [m]	Weight [g]	 #
E.4310/12SZ	12	3F	0,21	100	1
E.4310/54SZ	54	3F	1	480	1

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 mm² cross section: 63 A
- Rated current of load for busbars with 10 mm² cross section: 100 A
- Material of busbar housing: PVC
- Material of busbar: copper M1E

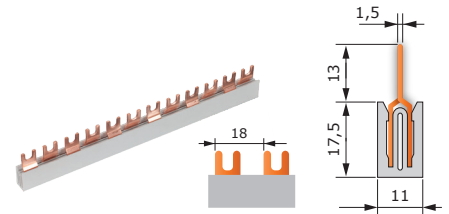
Insulated busbars provide a comfortable connection of differential current, excess-current and protector electric breakers.

Insulated busbars offered by Pawbol S.A. provide a wide range of professional solutions and various implementations, offering numerous opportunities for electrical applications.

Cross-section 16 mm² busbars. Fork implementation.

Catalogue Number	Type / Length in modules 18 mm	Number of tracks	Busbar length [m]	Weight [g]	#
E.4216/12W	S - 12	2F	0,21	120	1
E.4216/18W	S - 18	2F	0,32	200	1
E.4216/24W	S - 24	2F	0,44	250	1
E.4216/54W	S - 54	2F	1	540	1

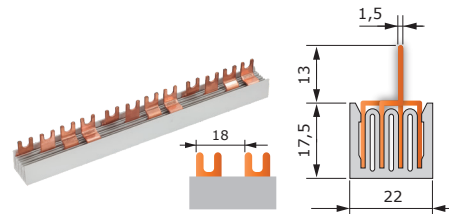
2-track busbars are used to connect differential current and excess-current electric breakers with zero track (or 2-pole electric breakers with track zero)



Cross-section 16 mm² busbars. Fork implementation.

Catalogue Number	Type / Length in modules 18 mm	Number of tracks	Busbar length [m]	Weight [g]	#
E.4416/12W	S - 12	4F	0,21	230	1
E.4416/12DW	S - 12 divide	4F	0,21	200	1
E.4416/56W	S - 56	4F	1	1000	1
E.4416/56DW	S - 56 divide	4F	1	1000	1

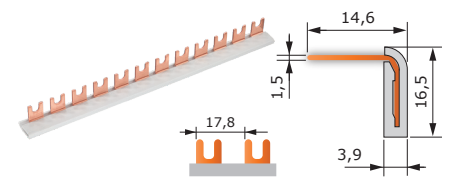
4-track busbars are used to connect differential current and excess-current electric breakers with zero track (or 4-pole electric breakers with track zero)



Cross-section 16 mm² bend busbars. Fork implementation.

Catalogue Number	Type / Length in modules 17,8 mm	Number of tracks	Busbar length [m]	Weight [g]	#
E.4116/2LW	2L	1F	0,03	10	1
E.4116/3LW	3L	1F	0,05	15	1
E.4116/4LW	4L	1F	0,07	22	1
E.4116/12LW	12L	1F	0,21	65	1
E.4116/54LW	54L	1F	1	300	1

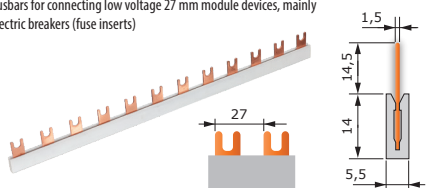
Busbars are used to connect 1F differential current and protector electric breakers.



Cross-section 16 mm² busbars. Fork implementation.

Catalogue Number	Type / Length in modules 27 mm	Number of tracks	Busbar length [m]	Weight [g]	#
E4116/12STVW	12 STV	1F	0,21	90	1
E4116/36STVW	36 STV	1F	1	270	1

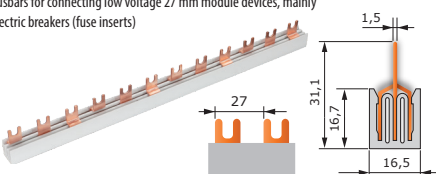
Busbars for connecting low voltage 27 mm module devices, mainly electric breakers (fuse inserts)



Cross-section 16 mm² busbars. Fork implementation.

Catalogue Number	Type / Length in modules 27 mm	Number of tracks	Busbar length [m]	Weight [g]	#
E4316/12STVW	12 STV	3F	0,21	205	1
E4316/36STVW	36 STV	3F	1	650	1

Busbars for connecting low voltage 27 mm module devices, mainly electric breakers (fuse inserts)









CABLE CLIP WITH DRIVEN NAIL

 NORM PN-EN 61914

 White

 Brown

 Black

Type of cable O - round P - flat		Nail dimension length/ diameter	 # 100	 # 50	 # 25	 # 50	 # 25	 # 100
3 mm	O	18 / 2	H.7001A	H.7001A-50	H.7001A-25	H.7001B-50	H.7001B-25	-
4 mm	O	18 / 2	H.7002A	H.7002A-50	H.7002A-25	H.7002B-50	H.7002B-25	H.7002C
5 mm	O	18 / 2	H.7003A	H.7003A-50	H.7003A-25	H.7003B-50	H.7003B-25	-
6 mm	O	20 / 2	H.7004A	H.7004A-50	H.7004A-25	H.7004B-50	H.7004B-25	H.7004C
7 mm	O	20 / 2	H.7005A	H.7005A-50	H.7005A-25	H.7005B-50	H.7005B-25	H.7005C
8 mm	O	20 / 2	H.7007A	H.7007A-50	H.7007A-25	H.7007B-50	H.7007B-25	H.7007C
10 mm	O	25 / 2	H.7008A	H.7008A-50	H.7008A-25	H.7008B-50	H.7008B-25	H.7008C
12 mm	O	25 / 2	H.7009A	H.7009A-50	H.7009A-25	H.7009B-50	H.7009B-25	H.7009C
14 mm	O	30 / 2	H.7017A	H.7017A-50	H.7017A-25	H.7017B-50	H.7017B-25	-
YDYp 2x1 6/4	P	18 / 2	H.7010A	H.7010A-50	H.7010A-25	H.7010B-50	H.7010B-25	-
YDYp 3x1 8/4	P	18 / 2	H.7011A	H.7011A-50	H.7011A-25	H.7011B-50	H.7011B-25	-
YDYp 2x1,5 7/5	P	20 / 2	H.7012A	H.7012A-50	H.7012A-25	H.7012B-50	H.7012B-25	H.7012C
YDYp 2x2,5 8/6	P	20 / 2	H.7013A	H.7013A-50	H.7013A-25	H.7013B-50	H.7013B-25	H.7013C
YDYp 3x1,5 10/6	P	20 / 2	H.7014A	H.7014A-50	H.7014A-25	H.7014B-50	H.7014B-25	H.7014C
YDYp 3x2,5 13/7	P	20 / 2	H.7018A	H.7018A-50	H.7018A-25	H.7018B-50	H.7018B-25	H.7018C
OMYp 2x0,5 5/3	P	18 / 2	H.7015A	H.7015A-50	H.7015A-25	H.7015B-50	H.7015B-25	-
SMYp 2x0,75 5/4	P	18 / 2	H.7016A	H.7016A-50	H.7016A-25	H.7016B-50	H.7016B-25	-

Cable clips with driven nails for round and flat cross-sections enable simple and quick installation of cables to building walls.



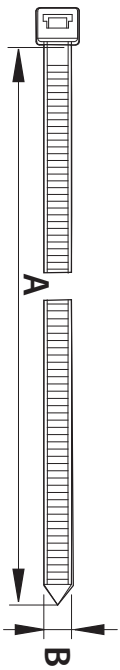
CABLE TIES

HALOGEN FREE



NORM PN-EN 62275

White	Black	Type	Dimension A	Dimension B	#
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



A. Mounting boxes

B. Power equipment, cable extenders

C. Housing, distribution boards

CZ. Pipes, ducts

D. Lighting equipment

E. Terminal strips

H. Cable clips and ties

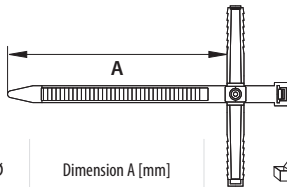
R. Lightning installation

CABLE MOUNTING CLIP



NORM PN-EN 61914

Cable mounting clip



Catalogue Number	Type	Assembly aperture Ø	Dimension A [mm]	#
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



USMO CABLE MOUNTING CLIP



NORM PN-EN 61914

USMO cable mounting clip

Catalogue Number	Type	Cable diameter	Drill diameter	#
H.7309	USMO 6	6 mm	8 mm	100
H.7309-600	USMO 6	6 mm	8 mm	600
H.7310	USMO 8	8 mm	10 mm	100
H.7310-400	USMO 8	8 mm	10 mm	400
H.7303	USMO 10	10 mm	12 mm	100



USMO cable mounting clip


Catalogue Number	Type	Cable diameter	Drill diameter	#
H.7317	USMO 14	12-14 mm	6 mm	50
H.7317-25	USMO 14	12-14 mm	6 mm	25
H.7318	USMO 20	16-20 mm	6 mm	50
H.7318-25	USMO 20	16-20 mm	6 mm	25



USMP CABLE MOUNTING CLIP


 NORM PN-EN 61914

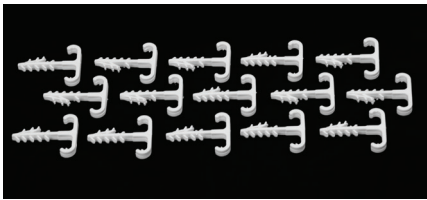
USMP cable mounting clip

Catalogue Number	Type	Cable diameter	Drill diameter	 #
H.7311	USMP 2	2 x 2,5 mm	6 - 7 mm	100
H.7313	USMP 3	3 x 2,5 mm	6 - 7 mm	100
H.7313-300	USMP 3	3 x 2,5 mm	6 - 7 mm	300
H.7315	USMP 4	4 x 2,5 mm	6 - 7 mm	100
H.7316	USMP 5	5 x 2,5 mm	6 - 7 mm	100
H.7316-250	USMP 5	5 x 2,5 mm	6 - 7 mm	250




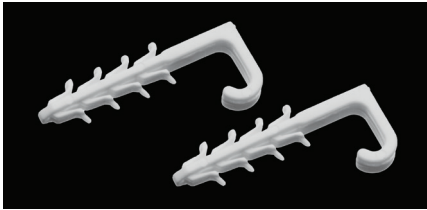
USMP - bis cable mounting clip

Catalogue Number	Type	Cable diameter	Drill diameter	 #
H.7314	USMP 3 - bis	2 x 3x2,5 mm	6 - 7 mm	100
H.7314-250	USMP 3 - bis	2 x 3x2,5 mm	6 - 7 mm	250



USMP3 H cable mounting clip

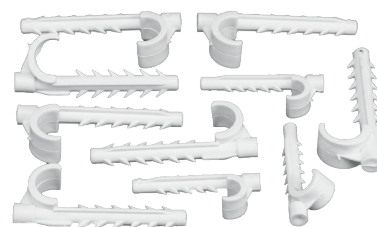
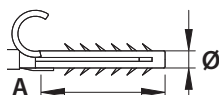
Catalogue Number	Type	For flat cables	Drill diameter	 #
H.7313HP	USMP3 H	YDYp 3x1,5 / 3x2,5mm ²	6 - 7 mm	100
H.7313HP-300	USMP3 H	YDYp 3x1,5 / 3x2,5mm ²	6 - 7 mm	300




CABLE MOUNTING CLIP

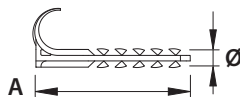
 NORM PN-EN 61914


HUK cable mounting clip



Catalogue Number	Type	Assembly aperture Ø	Dimension A	 #
H.7200	fi 8	8 mm	36 mm	100
H.7201	fi 12	12 mm	48 mm	100

UWR Push-in cable mounting clip



Catalogue Number	Type	Max pipe Ø	Dimension A	Assembly aperture Ø	 #
H.7209	UWR12	10-12 mm	51,4 mm	6 mm	100
H.7210	UWR16	14-16 mm	47 mm	6 mm	100
H.7211	UWR20	16-20 mm	43,2 mm	6 mm	100




SINGLE AND DOUBLE CONNECTION CLIPS

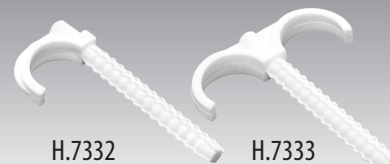
 NORM PN-EN 61914

Material: modified high-density polyethylene, white

Single and double connection clips


- Use — mounting in substrates: plain concrete, cell concrete, full ceramic brick, ceramic hollow block

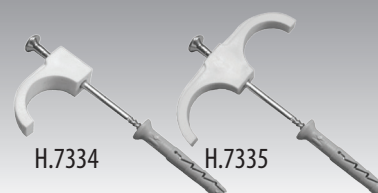
Catalogue No.	Type	Max pipe Ø	L	Assembly aperture Ø	 #
H.7332	Single	14-25 mm	80 mm	10 mm	100
H.7333	Double	14-25 mm	97 mm	10 mm	100



Single and double connection clips with a dowel

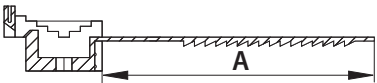
- Purpose — mounting in substrates: non-cracked concrete (compression zone), full ceramic brick, cell concrete, clinker, stone

Catalogue No.	Type	Max pipe Ø	L	Assembly aperture Ø	 #
H.7334	Single with dowel	14-25 mm	80 mm	6 mm	100
H.7335	Double with dowel	14-25 mm	80 mm	6 mm	100




CABLE STRAP CLIP

 NORM PN-EN 61914




Cable strap clip

Catalogue Number	Type	Max. cable Ø	Dimension A	 #
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 color

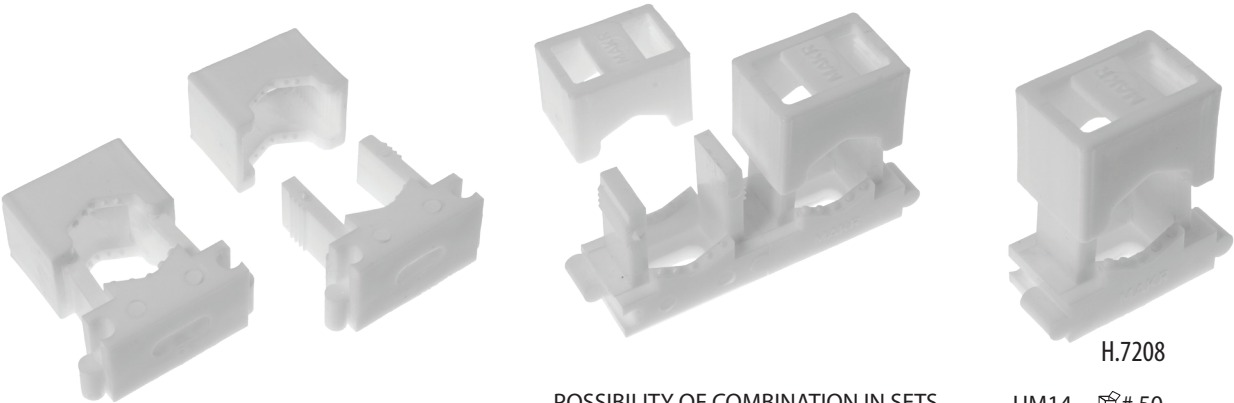
Catalogue Number	Type	Max. cable Ø	Dimension A	 #
H.7202AC	UP-22	22 mm	65 mm	25
H.7202C	UP-22	22 mm	65 mm	100
H.7207AC	UP-30	30 mm	100 mm	25
H.7207C	UP-30	30 mm	100 mm	100




UM TWO-PART HANDLES

 NORM PN-EN 61914

Possible to attach cables from 3 x 1 mm² to 5 x 2,5 mm²



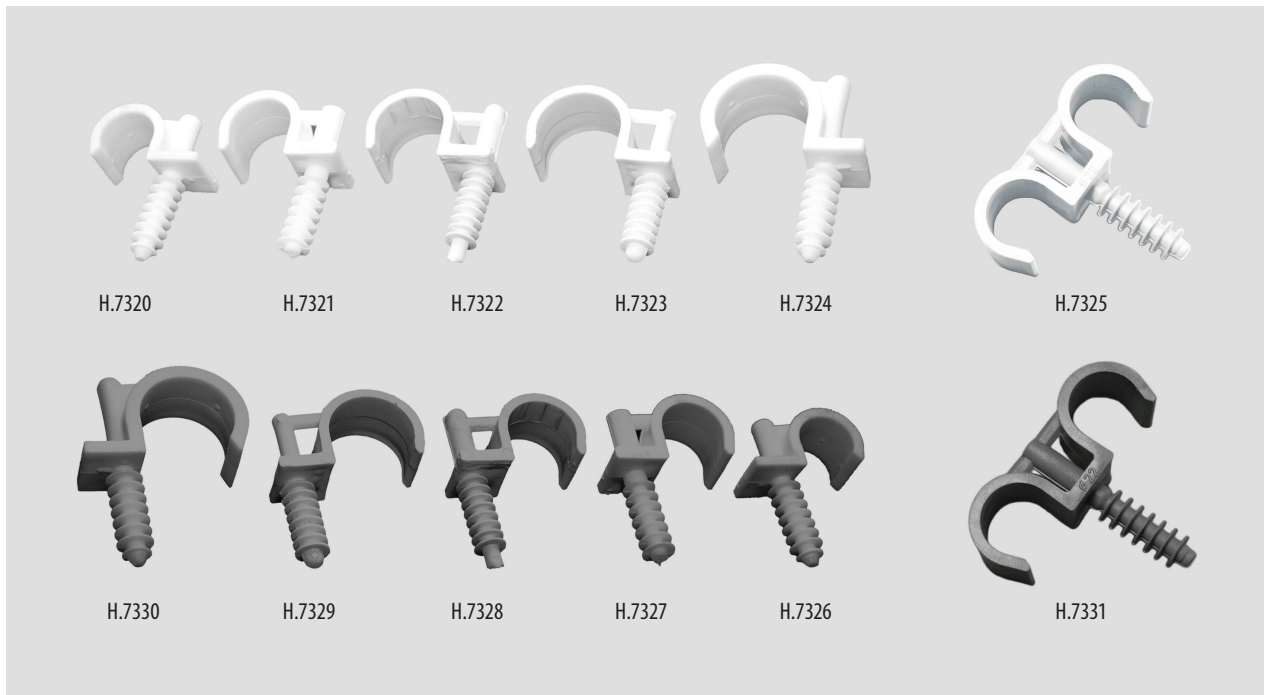
POSSIBILITY OF COMBINATION IN SETS
Fixing to the ground: M4 screw or Ø4 mm screw

H.7208
UM14  # 50
Dimensions: 40 / 33,5 / 15,5 mm


RING, RING BIS PIPE MOUNTING CLIP




NORM PN-EN 61914



RING pipe mounting clip

Catalogue Number	Color	Type	Assembly aperture Ø	 #
H.7320	●	RING 18	8 mm	100
H.7321		RING 20		
H.7322		RING 22		
H.7323		RING 25		
H.7324		RING 28		
H.7326	●	RING 18		
H.7327		RING 20		
H.7328		RING 22		
H.7329		RING 25		
H.7330		RING 28		

RING BIS pipe mounting clip

Catalogue Number	Color	Type	Assembly aperture Ø	 #
H.7325	●	RING 22/2	8 mm	100
H.7331	●			

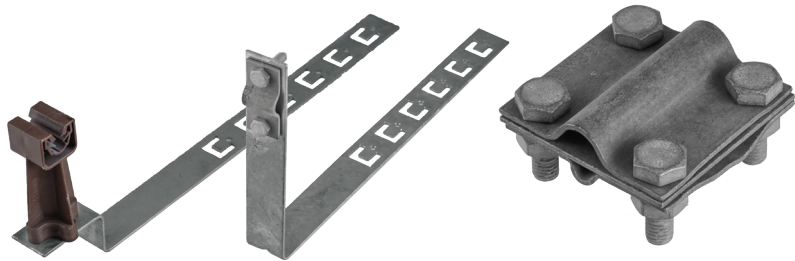
RING BIS type mounting clips are used for the installation of PVC pipes, PESCHEL type and the other with a max thickness of 2x22 mm

- Material - modified high density polyethylene
- Color: white or grey
- Dowel lenght: 30 mm
- Max. lenght: depending on the size, approx. 60 mm

One of the key product groups in the offer of PAWBOL S.A. is a group of lightning protection systems. PAWBOL S.A. is developing and manufacturing that category for over 30 years now. The high quality of our products and services is confirmed by the ISO 9001:2008 certificate, which ensures the level of compliance of the offer with all required standards. PAWBOL S.A. company has professional production facilities equipped with modern machinery, and is always using only the high quality steel grade to produce lightning protection system elements. Moreover, products are subject to regular quality control.

PAWBOL S.A. product offer consists of a wide range of lightning protection installation elements divided into few subgroups:

- » Connectors (through, gutter, cross, control)
- » Holders (tile, roof, ridge, tension, universal)
- » Earthing rods
- » Lightning masts
- » Lightning protection boxes
- » Additional accessories for lightning protection installations



Elements of the lightning protection system in the offer of PAWBOL S.A. are available in a hot-dip galvanized version, which guarantees an anti-corrosion coating that is resistant to mechanical damage, abrasion, corrosion, impacts and has very good adhesion to the substrate. The hot-dip zinc coating on the elements of the lightning protection system ensures protection of the steel for many years. The components do not require maintenance, because zinc, as a metal, is more active than steel and oxidizes itself, thus protecting the actual material. i.e. steel.

All elements of the lightning protection system available in the offer of PAWBOL S.A. are in compliance with the requirements contained in the standards: PN-EN 62561-1, PN-EN IEC 62561-2, PN-EN 62305-1 and PN-EN 62305-3

PAWBOL S.A. offers selected lightning protection system elements in four RAL colors - 7024, 8004, 8017, 9005. The elements available in the colors include: gutter connectors, angle brackets, ridge tile connectors, roof tile connectors, roof connectors, universal connectors. Delivery time: 5 days from the order date.



RAL 7024



RAL 8004

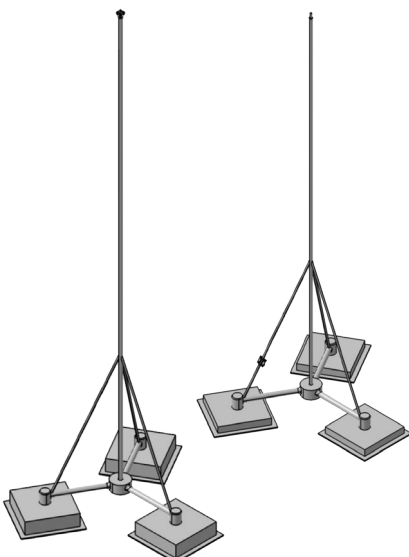


RAL 8017



RAL 9005

Among the products in the group of lightning protection installation elements, PAWBOL S.A. offers a box for a lightning connector, the design of which has been registered in the Patent Office under the number Wp-19870. The modular design of the box allows the quick and easy assembly, even in an unusual position, and it provides very effective protection of the control connector of the lightning protection system against atmospheric conditions.

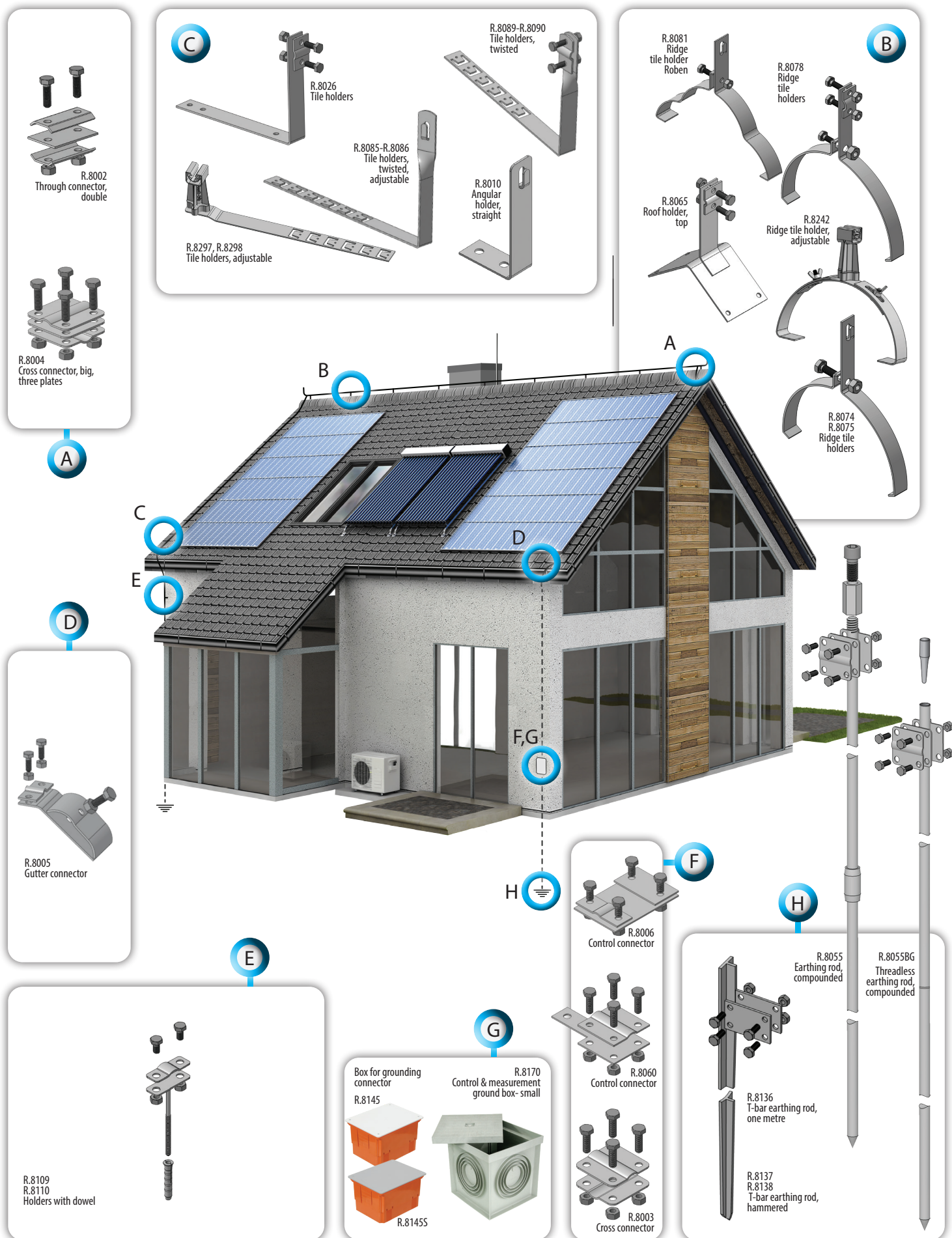


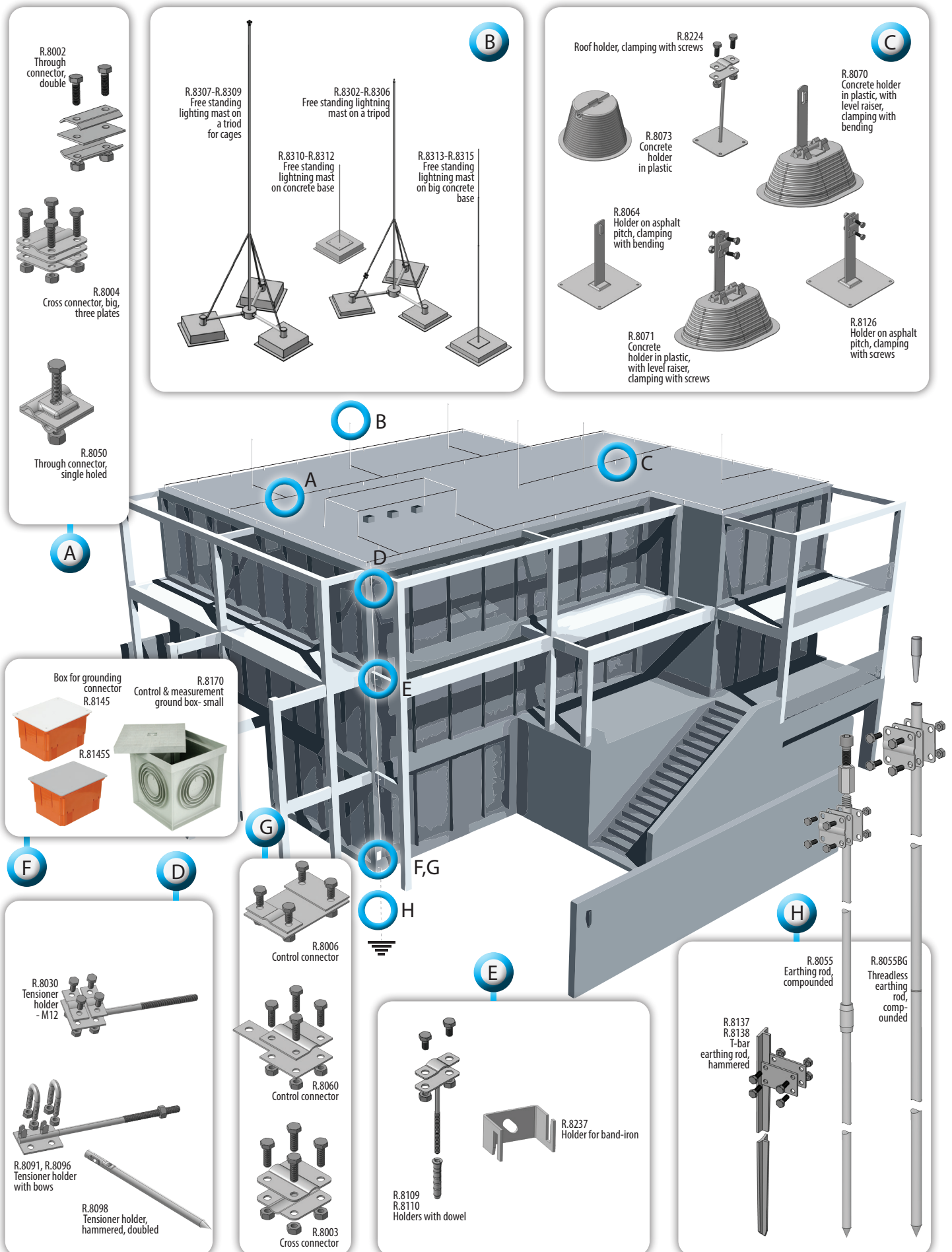
PAWBOL S.A. company provides high-quality products:

- » Compliant with the EU standards
- » Protected against corrosion - thanks to hot-dip galvanizing
- » Easy to assemble
- » With highly attractive price

Our products. Your safety.

3 years warranty on lightning protection installation elements made in a hot-dip galvanized version





BOX FOR GROUNDING CONNECTOR



NORM PN-EN-62561

The lightning protection connector box made of PS material is characterized by high functionality and customizability. The box is designed for flush mounting of the lightning protection system control connector. The box itself consists of two basic elements connected together. The design of the box allows it to slide in and out, resulting in a smooth height adjustment, so it may be used for different wall thicknesses, which is particularly effective for insulated walls. The box is suitable for installation in insulated walls up to 20 cm thick. The lid of this box is made of polystyrene. The cover, fixed with steel screws, effectively protects the connector from unauthorized access and accidental contact with the connector. The cover material is UV resistant, so it can be safely installed on sunny walls. The modular design of the box allows for quick and easy installation, even in unusual locations. The installed box provides very effective weather protection for the control connector of the lightning protection system.

Box for grounding connector



● R.8145

● R.8145S

H	D	W	IP	#
82-150 mm	165 mm	210 mm	IP20	1

Box for grounding connector



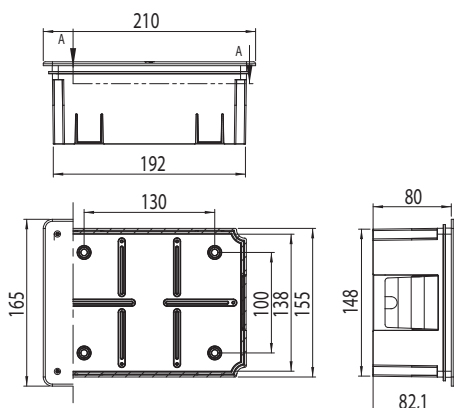
● R.8147

H	D	W	IP	#
149-210 mm	165 mm	210 mm	IP20	1

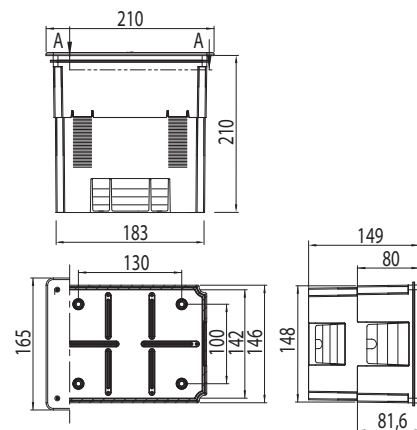
Depth adjustment range R.8145: 82-150mm

Depth adjustment range R.8147: 149-210mm

R.8145 - dimensions



R.8147 - dimensions



BOX FOR GROUNDING CONNECTOR

 NORM PN-EN-62561

- Advantages of box for grounding connector
- UV resistant cover
- Effective protection of the connector against weather conditions
- Simple installation of the control connector
- Perfect solution for installation in walls up to 15 cm thanks to smooth depth adjustment
- The simple design ensures comfortable installation

Many new applications for the boxes in the versions with doors.

Now in addition to protect the connector you can use lightning protection boxes with doors, e.g. additional protection and installation of BETA surface-mounting sockets.




Socket BETA is not part of the set - it is shown for demonstration purposes

Box for grounding connector

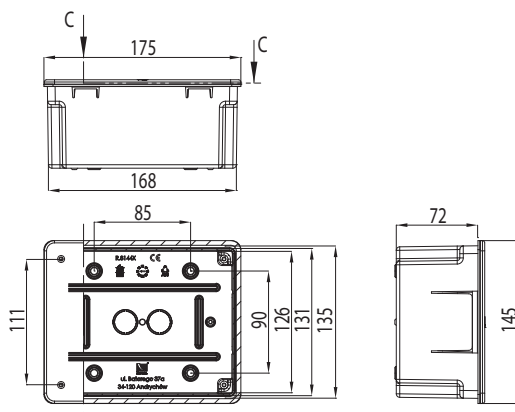


● R.8144

 H	 D	 W	 IP	 #
79-141mm	145 mm	175 mm	IP20	1

Depth adjustment range: R.8144: 79-141mm

R.8144 - dimensions



Box for grounding connector with doors

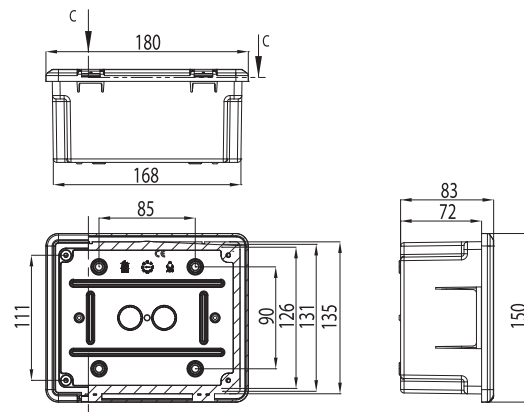


● R.8144D

 H	 D	 W	 IP	 #
83-145 mm	150 mm	180 mm	IP20	1

Depth adjustment range: R.8144D: 83-145mm

R.8144D - dimensions



THROUGH CONNECTORS

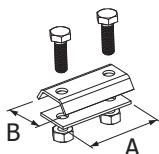
 NORM PN-EN-62561-1

Through connectors are used to connect lightning wire with wire. They are made from 2 mm thick, hot-dip galvanized steel plates.



R.8001

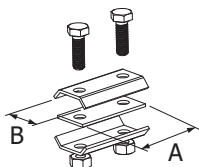
A / B = 50 / 40 mm
For wire: Ø8, Ø10 mm



Through connector, Single
Clamping with 2 screws M8

R.8002

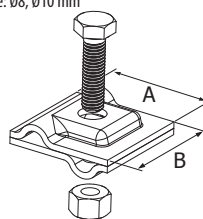
A / B = 50 / 40 mm
For wire: Ø8, Ø10 mm



Through connector, Double
Clamping with 2 screws M8

R.8050

A / B = 42 / 42 mm
For wire: Ø8, Ø10 mm

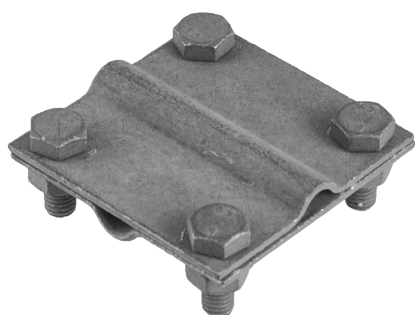


Through connector, single holed
Clamping with 1 screws M10



CROSS CONNECTORS

 NORM PN-EN-62561-1

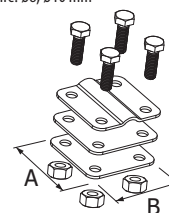


Cross connectors are used for connections
wire - wire, wire - hoop, hoop - hoop.

They are available in different versions
made of 2mm thick steel sheet.
Connected with 4 M8 (M10) screws.

R.8295

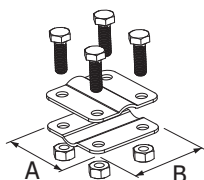
A / B = 55 / 55 mm
Distance between screws: 30 mm
For wire: Ø8, Ø10 mm



Universal connector
Three plates 4 x M8

R.8003

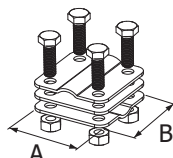
A / B = 65 / 65 mm,
Distance between screws: 42 mm,
For wire: Ø8, Ø10 mm



Cross connector, big
Two plates, 4 x M8

R.8004

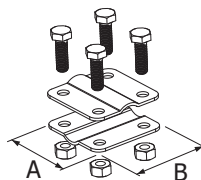
A / B = 65 / 65 mm
Distance between screws: 42 mm
For wire: Ø8, Ø10 mm



Cross connector, big
Three plates, 4 x M8

R.8051

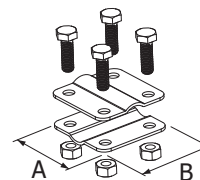
A / B = 70 / 70 mm
Distance between screws: 40 mm
For wire: Ø8, Ø10 mm



Large cross connector, Two plates, 4 x M10
Sheet thickness: 2 mm, Screw height: 37 mm

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

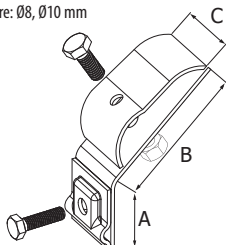
GUTTER CONNECTORS

 NORM PN-EN-62561-1



R.8005A

A / B / C = 45 / 75 / 45 mm
For wire: Ø8, Ø10 mm



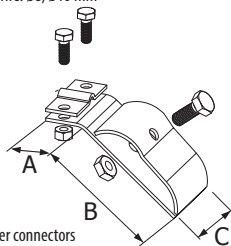
Gutter connectors
Clamping with 1 screw M8, 1 screw M10

Gutter connectors are used to connect gutters with lightning wire. They are made from 2 mm thick, hot-dip galvanized, steel plates.



R.8005

A / B / C = 25 / 75 / 45 mm
For wire: Ø8, Ø10 mm

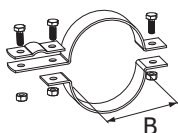


Gutter connectors
Clamping with 2 screws M6



R.8229

B = 100 mm
For wire: Ø8, Ø10 mm

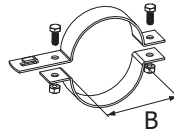


Holder for drainpipe
Clamping with 2 screws M6



R.8231

B = 100 mm
For wire: Ø8, Ø10 mm

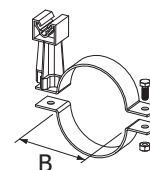


Holder for drainpipe
Clamping with bending



R.8233

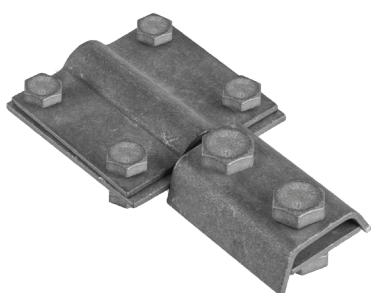
B = 100 mm
For wire: Ø8 mm



Holder for drainpipe

CONTROL CONNECTOR

 NORM PN-EN-62561-1



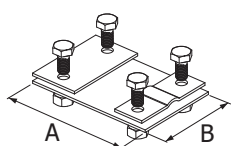
Control connectors are used for quick and efficient measurement of earthing resistance to check correctness operation of the entire system.

For connections of connectors, made of 2mm thick hot galvanized metal sheet, a M6 and M8 screws are being used.



R.8006

A / B = 100 / 65 mm
For wire: Ø8, Ø10 mm

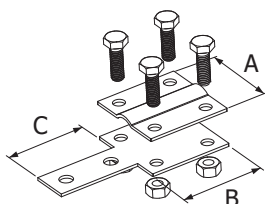


Control connector
Clamping with - 4 screws M8



R.8060

A / B / C = 57 / 57 / 57 mm
For wire: Ø8, Ø10 mm

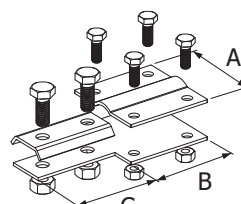


Control connector
Clamping with - 4 screws M8



R.8061

A / B / C = 57 / 57 / 57 mm
For wire: Ø8, Ø10 mm



Control connector
Clamping with - 4 screws M6, 2 screws M8

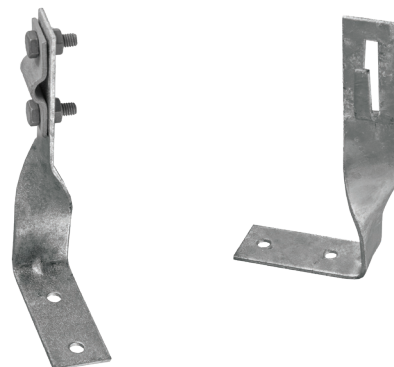


ANGULAR HOLDERS

 NORM PN-EN-62561-1

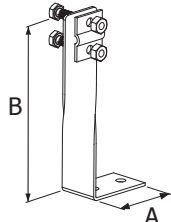
Angular holders are used for leading lightning wire above protected area. They are made from 2 mm thick, hot-dip galvanized steel plates.

The lightning wire is mounted to holder with bending, or with screws.



R.8007

A / B = 60 / 120 mm
For wire: Ø8, Ø10 mm

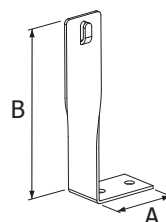


Angular holder, twisted
Clamping with - 2 screws M6



R.8008

A / B = 60 / 120 mm
For wire: Ø8, Ø10 mm

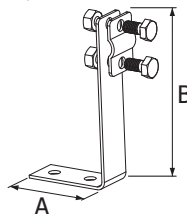


Angular holder, twisted
Clamping with bending



R.8009

A / B = 60 / 120 mm
For wire: Ø8, Ø10 mm

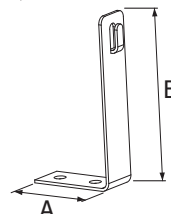


Angular holder
Clamping with - 2 screws M6



R.8010

A / B = 60 / 120 mm
For wire: Ø8, Ø10 mm

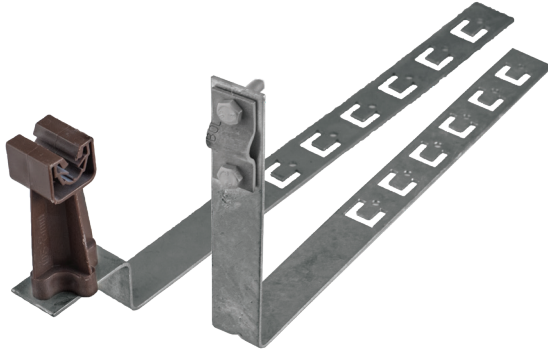


Angular holder
Clamping with bending

TILE HOLDERS



NORM PN-EN-62561-1



Tile holders are used to attach lightning wire to roofs covered with tiles. These handles are made of 2mm thick, hot-dip galvanized steel sheet.

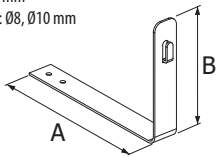
They are attached to the battens by nailing or hooking.

A = 160 mm R.8018

A = 280 mm R.8019

A = 400 mm R.8020

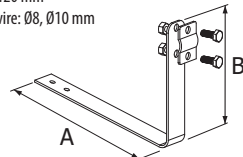
B = 120 mm
For wire: Ø8, Ø10 mm



Tile holders, clamping with bending

A = 400 mm R.8026

B = 120 mm
For wire: Ø8, Ø10 mm

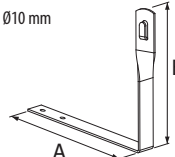


Tile holders, clamping with 2 screws M6

A = 160 mm R.8021

A = 400 mm R.8023

B = 120 mm
For wire: Ø8, Ø10 mm



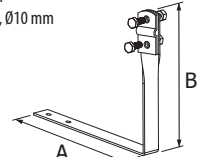
Tile holders, twisted, clamping with bending

A = 160 mm R.8027

A = 280 mm R.8028

A = 400 mm R.8029

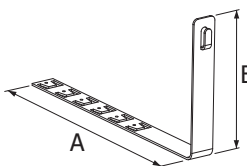
B = 120 mm
For wire: Ø8, Ø10 mm



Tile holders, twisted, clamping with 2 screws M6

R.8083

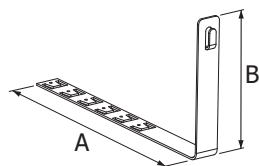
A / B = 280 / 135 mm
For wire: Ø8, Ø10 mm



Tile holder, adjustable,
Clamping with bending

R.8084

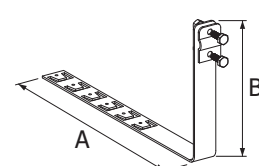
A / B = 420 / 135 mm
For wire: Ø8, Ø10 mm



Tile holder, adjustable,
Clamping with bending

R.8088

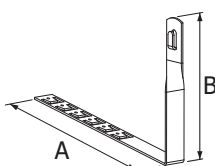
A / B = 420 / 135 mm
For wire: Ø8, Ø10 mm



Tile holder, adjustable,
Clamping with 2 screws M6

R.8085

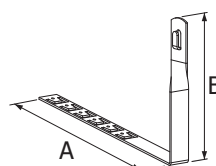
A / B = 280 / 135 mm
For wire: Ø8, Ø10 mm



Tile holder, twisted
adjustable, clamping with bending

R.8086

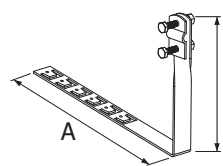
A / B = 420 / 135 mm
For wire: Ø8, Ø10 mm



Tile holder, twisted
adjustable, clamping with bending

R.8089

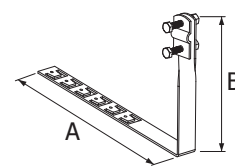
A / B = 280 / 135 mm
For wire: Ø8, Ø10 mm



Tile holder, twisted
adjustable, Clamping with 2 screws M6

R.8090

A / B = 420 / 135 mm
For wire: Ø8, Ø10 mm

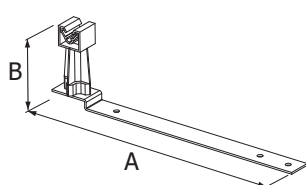


Tile holder, twisted
adjustable, Clamping with 2 screws M6



R.8094

A / B = 420 / 100 mm
For wire: Ø8 mm

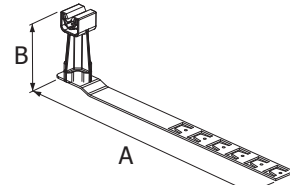


Tile holder



R.8297

A / B = 325 / 100 mm
For wire: Ø8 mm

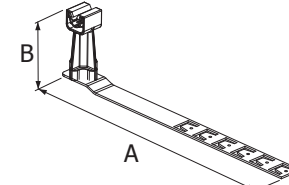


Tile holder, adjustable



R.8298

A / B = 420 / 100 mm
For wire: Ø8 mm



Tile holder, adjustable

ROOF HOLDERS

NORM PN-EN-62561-1

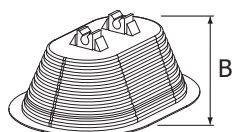
Roof holders are used to guide the lightning wire on flat and sloping roofs. They are made of plastic and 2 mm thick hot galvanized sheet metal.

The lightning wire is attached to the holder with screws or a bent clamping mechanism, and for plastic versions, it is fixed by inserting it into the groove.



R.8067

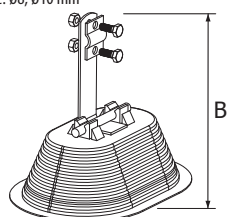
B = 60 mm
For wire: Ø8 mm



Concrete handle in plastic
Base made of concrete and plastic

R.8071

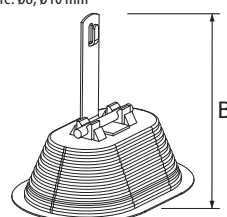
B = 200 mm
For wire: Ø8, Ø10 mm



Concrete handle in plastic with an extension
Base made of concrete and plastic
Clamping with 2 screws M6

R.8070

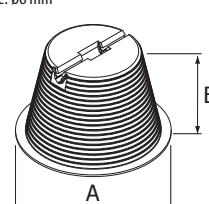
B = 200 mm
For wire: Ø8, Ø10 mm



Concrete handle in plastic with an extension
Base made of concrete and plastic
Clamping with bending

R.8073

A = 150 mm, B = 80 mm
For wire: Ø8 mm

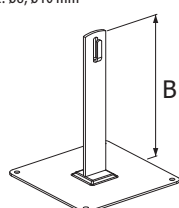


Concrete handle in plastic
Base made of concrete, without plastic



R.8064

B = 120 mm
For wire: Ø8, Ø10 mm

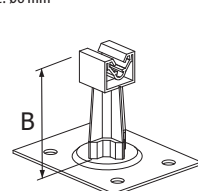


Holder on asphalt pitch,
Clamping with bending



R.8072

B = 70 mm
For wire: Ø8 mm

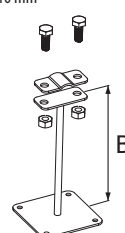


Holder on asphalt pitch



R.8224

B = 140 mm
For wire: Ø8, Ø10 mm

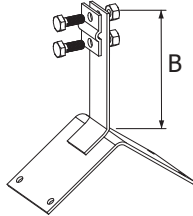


Roof holders, Clamping with 2 screws M6



R.8065

B = 110 mm
For wire: Ø8, Ø10 mm

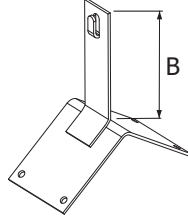


Roof holder, top,
Clamping with 2 screws M6



R.8066

B = 110 mm
For wire: Ø8, Ø10 mm

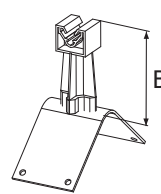


Roof holder, top,
Clamping with bending



R.8236

B = 70 mm
For wire: Ø8 mm

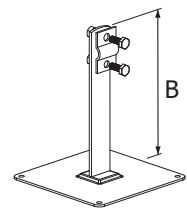


Roof holder, top



R.8126

B = 120 mm
For wire: Ø8, Ø10 mm



Holder on asphalt pitch,
Clamping with 2 screws M6

UNIVERSAL HOLDERS

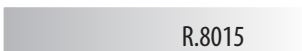


NORM PN-EN-62561-1



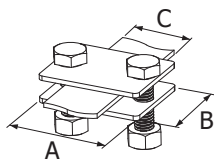
Universal holders are used for leading lightning wire and band iron sizes.

They are made from 2 mm thick, hot-dip galvanized steel plates. Those elements are being mounted on walls by hammering, or screwing using expansion bolts.



R.8015

A / B / C = 55 / 35 / 25 mm

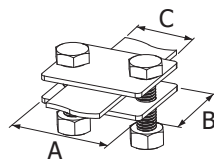


Holders for connecting band-iron
C-25 mm, Clamping with 2 screws M8



R.8016

A / B / C = 65 / 35 / 35 mm

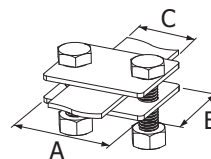


Holders for connecting band-iron
C-30-35 mm. Clamping with 2 screws M8

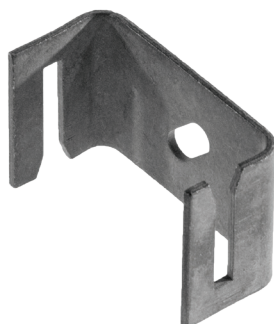


R.8017

A / B / C = 80 / 55 / 40 mm

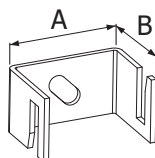


Holders for connecting band-iron
C-40 mm



R.8237

A / B = 54 / 24 mm

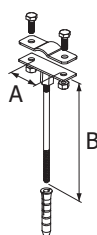


Clamp for band-iron

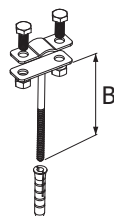


R.8299

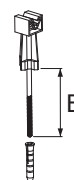
A / B = 40 / 160 mm

Holder for band-iron with expansion bolt M8,
clamping with 2 screws M6

For wire: Ø8, Ø10 mm

Holder with expansion bolt M12
Clamping with 2 screws M6

R.8278

B = 100 mm
For wire: Ø8 mm

Holder with expansion bolt M8

B = 100 mm R.8109

B = 120 mm R.8110

B = 160 mm R.8045

B = 180 mm R.8046

B = 210 mm R.8047

B = 250 mm R.8114

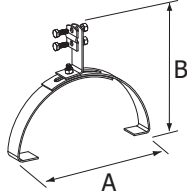


RIDGE TILE HOLDERS

 NORM PN-EN-62561-1

 R.8146

A / B = 210 / 240 mm
For wire: Ø8, Ø10 mm



Ridge tile holder, adjustable
universal. Clamping with 2 screws M6

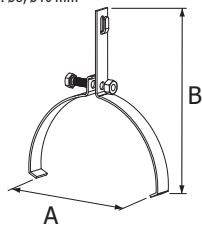
Ridge tile holders are used to guide lightning wire on the tops of tiled roofs.

They are made of 2mm thick hot-dip galvanized sheet metal.

The lightning wire is attached to the ridge tile holder with the clamp or screws.
Rebate holder, universal, thermo-diffusion galvanized,

 R.8074

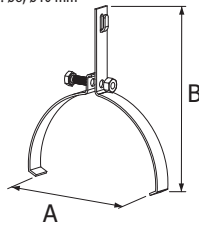
A / B = 230 / 240 mm
For wire: Ø8, Ø10 mm



Ridge tile holder
Clamping with bending

 R.8075

A / B = 250 / 240 mm
For wire: Ø8, Ø10 mm

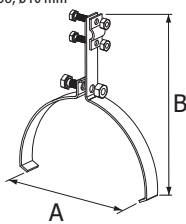


Ridge tile holder
Clamping with bending



 R.8077

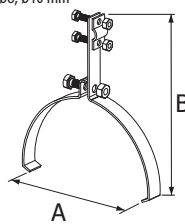
A / B = 230 / 240 mm
For wire: Ø8, Ø10 mm



Ridge tile holder
Clamping with 2 screws M6

 R.8078

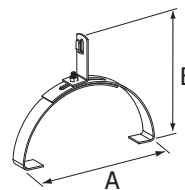
A / B = 250 / 240 mm
For wire: Ø8, Ø10 mm



Ridge tile holder.
Clamping with 2 screws M6

 R.8079

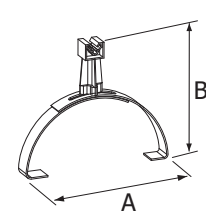
A / B = 210 / 240 mm
For wire: Ø8, Ø10 mm



Ridge tile holder, adjustable, universal
Clamping with bending

 R.8080

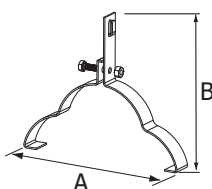
A / B = 210 / 220 mm
For wire: Ø8 mm



Ridge tile holder, adjustable, universal

 R.8081

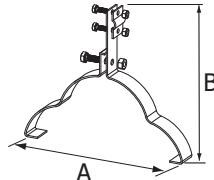
A / B = 210 / 240 mm
For wire: Ø8, Ø10 mm



Ridge tile holder "Roben"
Clamping with bending

 R.8082

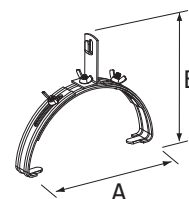
A / B = 210 / 240 mm
For wire: Ø8, Ø10 mm



Ridge tile holder "Roben"
Clamping with 2 screws M6

 R.8241

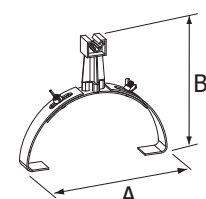
A / B = 210 / 240 mm
For wire: Ø8, Ø10 mm



Ridge tile holder, adjustable max
Clamping with bending

 R.8242

A / B = 210 / 240 mm
For wire: Ø8 mm



Ridge tile holder, adjustable max

TENSIONER HOLDERS

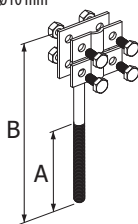
 NORM PN-EN-62561-1

Tensioner holders are used for making tensions of lightning wires. They are made from 2 mm thick plates, and cold forged steel.



R.8030

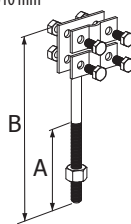
A / B = 170 / 220 mm
For wire: Ø8, Ø10 mm



Tensioner holder M12
Clamping with - 4 screws M8

R.8095

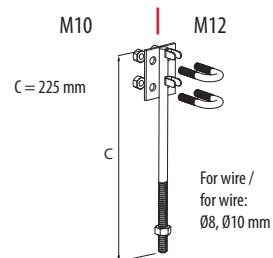
A / B = 170 / 220 mm
For wire: Ø8, Ø10 mm



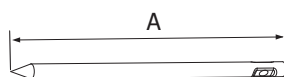
Tensioner holder with M12 nut
Clamping with - 4 screws M8

R.8096

R.8091



Tensioner holder with bows
Clamping with - 4 screws M8



A = 300 mm

R.8099

A = 350 mm

R.8100

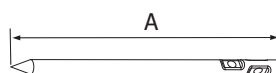
A = 400 mm

R.8101

Tensioner holder, hammered, forged, smooth

R.8098

A = 400 mm



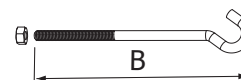
Tensioner holder, hammered, forged, smooth, doubled

B = 200 mm

R.8265

B = 500 mm

R.8266

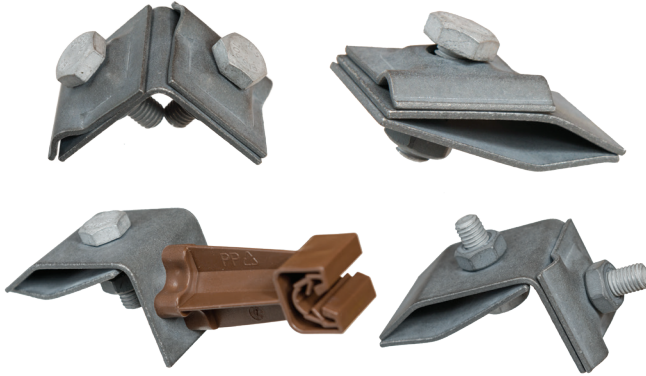


Tensioner holder with hook Ø10



RABBET HOLDERS

 NORM PN-EN-62561-1

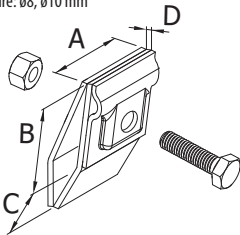


The rabbit holders are used to guide the lightning wire $\varnothing 8$ or $\varnothing 10$ along gutters, roof fittings and drains.

Appropriate handles are used depending on the way the lightning wire is routed in relation to attachment point.

 **R.8173**

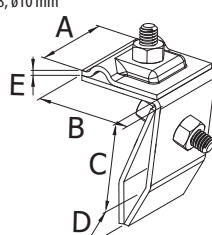
A / B / C / D = 42 / 45 / 20 / 2 mm
For wire: $\varnothing 8$, $\varnothing 10$ mm



Rabbit holder, straight, thermo-diffusion galvanized,
Clamping with 1 screw M10

 **R.8174**

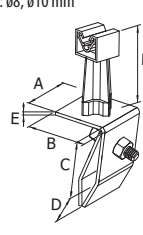
A / B / C / D / E = 42 / 45 / 50 / 20 / 2 mm
For wire: $\varnothing 8$, $\varnothing 10$ mm



Rabbit holder, angular, thermo-diffusion galvanized,
clamping with 2 screws M10

 **R.8175**

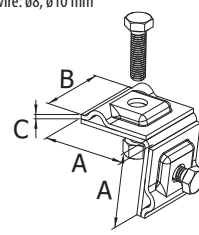
A / B / C / D / E / F = 42 / 45 / 50 / 20 / 2 / 70 mm
For wire: $\varnothing 8$, $\varnothing 10$ mm



Rabbit holder, with extension, thermal diffusion, galvanized,
clamping with 2 screws M10

 **R.8176**

A / B / C = 45 / 42 / 2 mm
For wire: $\varnothing 8$, $\varnothing 10$ mm



Rabbit holder, universal, thermo-diffusion galvanized
Clamping with 2 screws M10

SHEET HOLDERS

 NORM PN-EN-62561-1



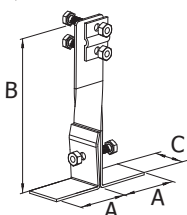
Running $\varnothing 8$ or $\varnothing 10$ lightning wire on roofs covered with sheet metal.

The lightning wire is run 130 mm above handle attachment point.

Possibility of attaching handles to fittings and rabbets.

 **R.8062**

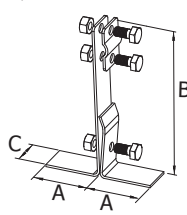
A / B / C = 30 / 130 / 25
For wire: $\varnothing 8$, $\varnothing 10$ mm



Sheet holder, angular, twisted, thermal diffusion galvanization, clamping with 2 screws M6

 **R.8062A**

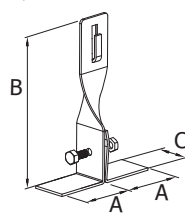
A / B / C = 30 / 130 / 25
For wire: $\varnothing 8$, $\varnothing 10$ mm



Sheet holder, angular, thermal diffusion galvanization, clamping with 2 screws M6

 **R.8063**

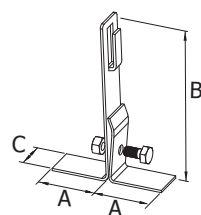
A / B / C = 30 / 130 / 25
For wire: $\varnothing 8$, $\varnothing 10$ mm



Sheet holder, angular, twisted, thermal diffusion galvanization, clamping with bending

 **R.8063A**

A / B / C = 30 / 130 / 25
For wire: $\varnothing 8$ mm



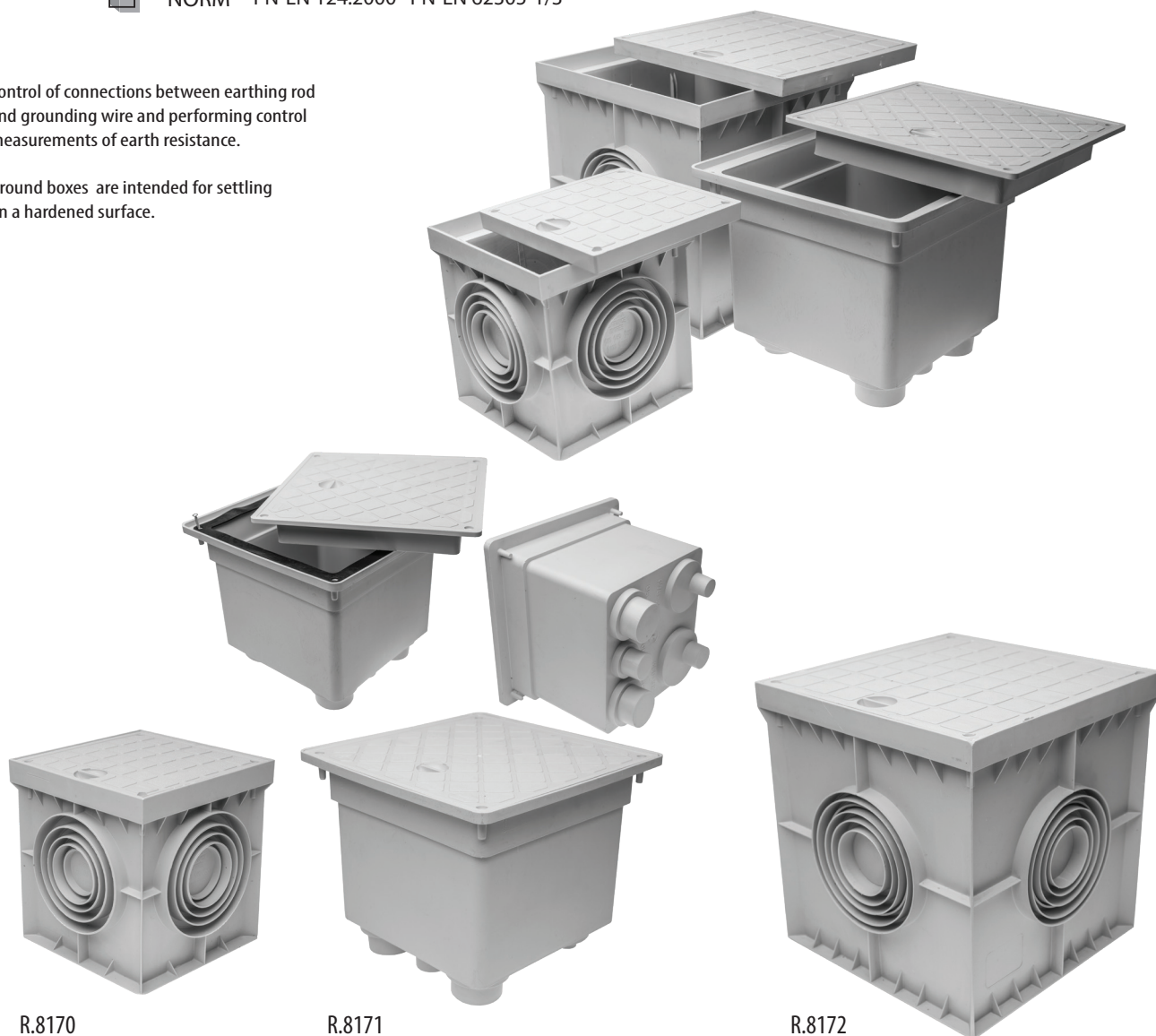
Sheet holder, angular, thermal diffusion galvanization, clamping with bending

CONTROL & MEASUREMENT GROUND BOXES

 NORM PN-EN 124:2000 PN-EN 62305-1/3

Control of connections between earthing rod and grounding wire and performing control measurements of earth resistance.

Ground boxes are intended for settling on a hardened surface.



R.8170

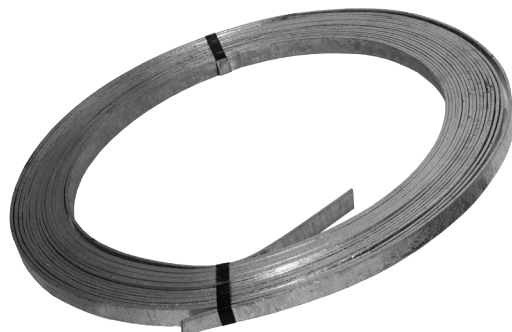
R.8171

R.8172

Catalogue number	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

BAND-IRON AND WIRE

 NORM PN-EN 62561-2



Hot-dip galvanized band-iron and lightning wire.
The product is available for sale in collective packaging.

R.8143-25 - Lightning wire, galvanized (op~25kg)
fi -8 hot-dip galvanized (1kg ~2,597m)

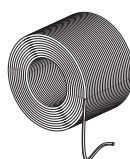
R.8139-25 - Band-iron, galvanized 25x4 mm (op. ~25kg),
hot-dip galvanized (1kg ~1,274m)

Delivery time up to 7 business days



R.8143-25 Ø8 mm / 25 kg

R.8143-20AL Ø8 mm / 20 kg



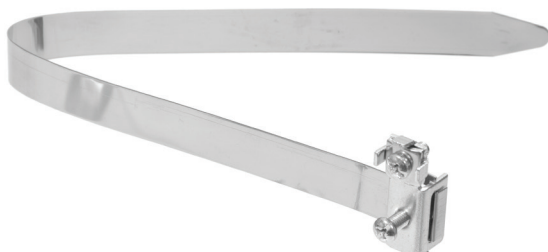
Steel lightning wire
galvanized and aluminum wire



Band-iron, galvanized

GROUNDING BANDS

 NORM PN-EN-62561-1



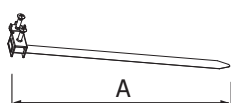
Main function is making equipotential bonding
which guarantees proper work of lightning protection.

Material: stainless steel

width x depth: 20 x 0,3 mm

R.8183

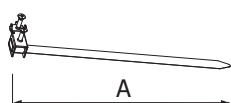
A = 601 mm



Grounding band 1/8-6"

R.8182

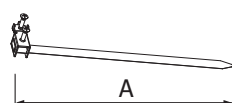
A = 426 mm



Grounding band 1/8-4"

R.8181

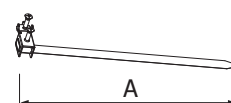
A = 207 mm



Grounding band 1/8-3/2"

R.8180

A = 135 mm



Grounding band 1/8-3/8"

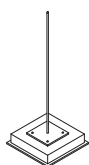
Products from Group R of this catalog are available in a hot-dip galvanized version

FREE STANDING LIGHTNING MAST



NORM PN-EN-62561-1

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]

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]

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 masts with concrete base are used in places where creating a lightning-safe zone is necessary, for expl. Roofs, squares. Depending on the protected object – there can be used masts with a single base or on a tripod.

They are made from hot dip galvanized bars and pipes



Free standing lighting mast on a tripod for protective cages

R.8307

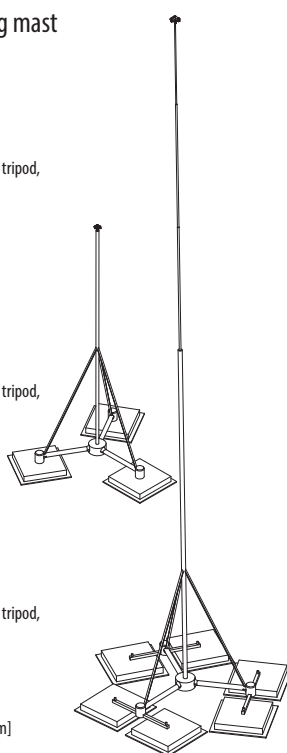
Free standing lightning mast on a tripod, for protective cages
Height of mast: 3 [m]
Diameter of spire: Ø33,7
Weight of base: 3x40 [kg]
Concrete base: 500x500x70 [mm]
Max wire lenght: 4 m

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 lenght: 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 lenght: 6 m



CHIMNEY SPIRES



NORM PN-EN-62561-1

Chimney spires

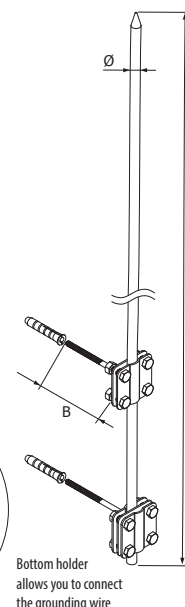
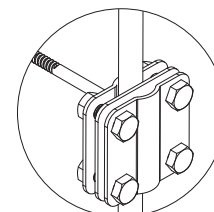
Norm: PN-EN 50164-2
Mounting: expansion bolt M12
For wire: Ø8 i Ø10
Quantity in package: 1
Material: galvanized steel

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

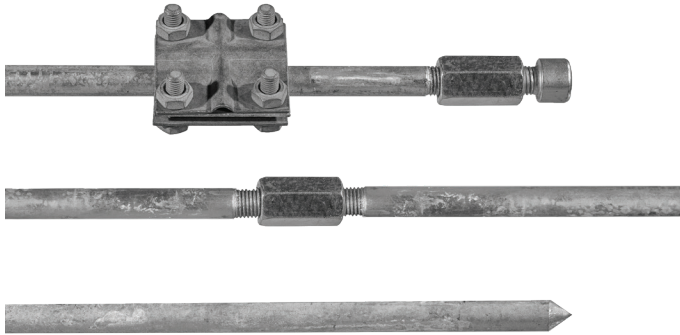
R.8169 Chimney spires
Height H=2,5 m, Ø12, B=180 mm



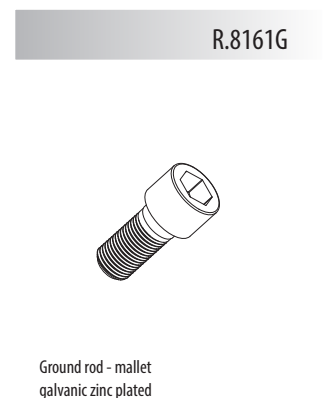
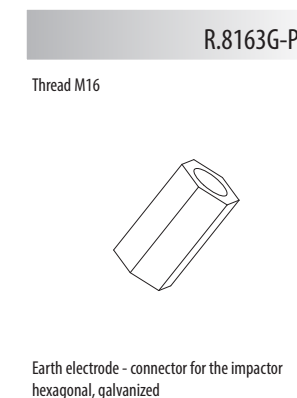
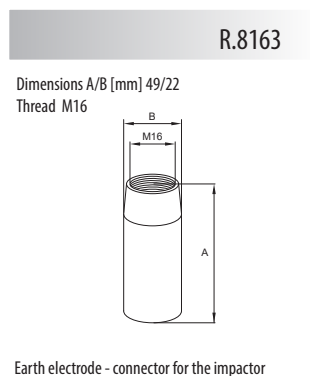
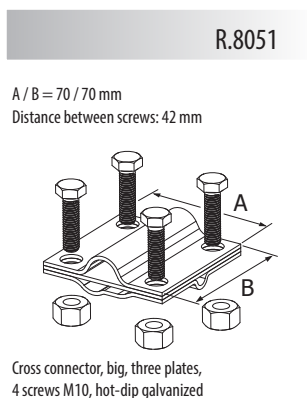
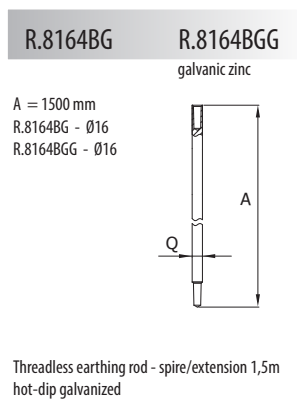
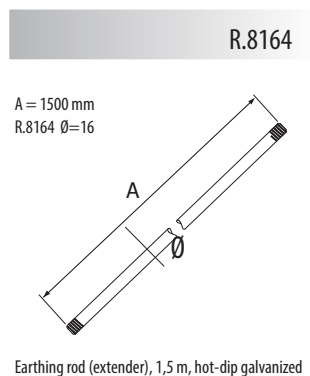
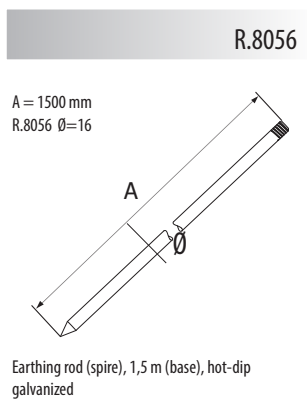
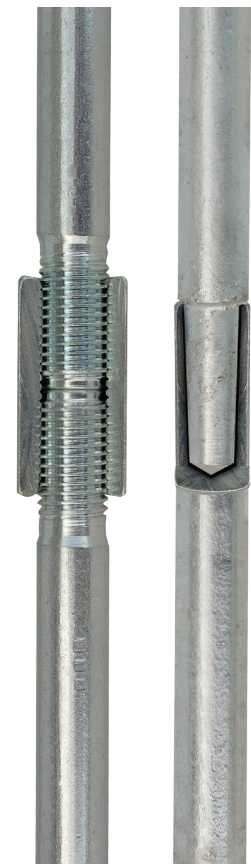
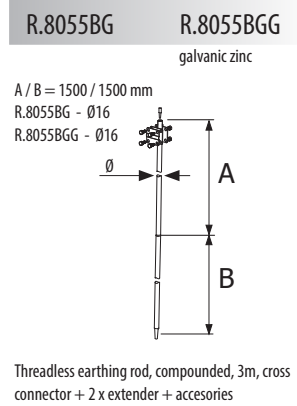
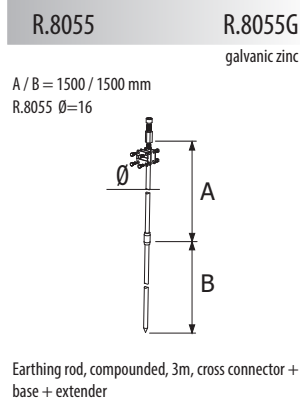
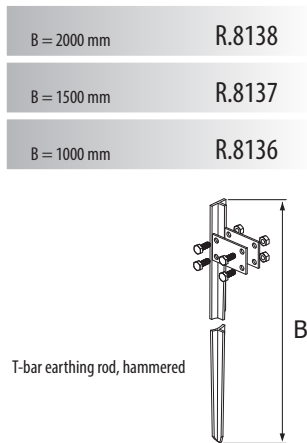
Bottom holder allows you to connect the grounding wire

EARTHING RODS

 NORM PN-EN 62561-2



Main part of grounding installation, 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.



Products from Group R of this catalog are available in a hot-dip galvanized version

