



Thermoplastic Enclosures

Catalogue & Price List



Socket Box

LIGHT

IP65-IP67

Watertight junction boxes

The Light series is a set of watertight surface boxes intended for electrical junctions or for trunking boxes.

They can also be used to build electrical or electronic switchboards. With the right accessories, small terminal junction boxes can be built, and power sockets can be used to create small electric power supply blocks.

This series is completed with the motor-protection and electrical and electronic protection boxes for machine tools or similar applications.

CE

LIGHT Technical Specifications

- Degree of protection: IP65-IP67*.
- Resistance to impact: IK07.
- Glow wire resistance: 650 °C.
- Ball pressure test: 70 °C.
- Ambient temperature range: -25 °C / +40 °C.
- Maximum operating voltage: 1000 V AC/1500 V DC.
- Double insulation: Class II.

* Except ref. EP048, EP088 and EX088 (IP54).

LIGHT Certifications

Compliant with the Low Voltage Directive 2014/35/EU.
Standards: IEC 60998-2-5 and IEC 60670-24.

LIGHT

IP65-IP67 junction boxes



Supply

- The boxes are supplied individually, shrink-wrapped and in multiple cardboard packaging, according to minimum packaging units.
- EP048 is not supplied shrink-wrapped, it is supplied with the label over the cover.
- Boxes with conical cable glands are supplied with the cone assembled.
- Accessory bag: Bag with 2 arrow screws plus 2 screws without arrow.

Product series

Standard:

- Seven watertight junction boxes.
 - Three watertight motor-protection boxes.
 - Each of these models is manufactured in three different versions:
 - With conical cable glands.
 - With knock-out sides.
 - With plain sides.
 - The three largest models are available with opaque or transparent cover.
- A series of assemblies with standard power sockets is offered.

Special:

- Using the basic versions, special versions can be created to suit the needs of each customer or to comply with the specific regulations of the target markets.
- Special assemblies with power sockets can be supplied in any combination, with no minimum order quantity.

Material

- Halogen-free plastic materials.
- Opaque base and cover: Shock-proof PS RAL 7035.
- Transparent cover: PC tinted window, with UV protection.

Possibility of special assemblies with no minimum order quantity

Table for DIN rails

Box type	Direction	Hole distance	Rail length	Rail code
		(mm)	(mm)	
65DS111	Vertical	77.5	90	92711
	Horizontal	77.5	90	
65DS161	Vertical	77.5	90	92711
	Horizontal	127	137	92713
65DS/GS171	Vertical	127	137	92713
	Horizontal	127	137	
65DS/GS231	Vertical	139	166	92721
	Horizontal	187	214	92722
65DS/GS322	Vertical	187	214	92722
	Horizontal	312	325	



Base

- The junction and motor-protection boxes are available in three versions:
 - Plain sides.
 - Sides with closed knock-outs, adapted to the metric and easy to remove.
 - Sides with cut-outs for fitting conical cable glands.
- The wall-mounting points are located at the bottom of the base and can be hermetically isolated using caps that guarantee the box's IP protection and dielectric strength. These caps are supplied as an accessory (Ref. 77650).
- There are also slotted ribs at the bottom of the base for securing tap-off terminals and plates.
- The supports for securing the DIN rails are also located there. They can be ordered as an accessory (see page 248).
- There are closed knock-outs on the outside of the box bottom to facilitate the entry of cables from the back.
- There are vertical ribs on the four inside walls to give the part greater rigidity.
- There are also open or closed cut-outs, depending on the versions. These cut-outs have a diameter of 25 or 40 mm and the number and size depends on the box size.

Covers

- The covers are smooth and rounded and, together with the inside ribs, afford the whole unit excellent rigidity.
- In the 111 to 322 models, the covers have a continuous recess for an injected rubber gasket that guarantees maximum IP65-IP67 protection. These covers have a clip to make the screws captive.
- The EP048 and EP088 models have a base-cover clipping system that delivers IP54 protection.
- The covers used for motor-protection boxes are higher to be able to house the electrical devices typical of this type of box.

Screws

- These boxes are supplied with four ¼ turn plastic screws made captive by means of a clip located on the cover. The covers of the references EP048 and EP088 are clipped without screws.
- Two of the screws have pins that give the cover a hinge effect and keep the unit together.
- These screws have a hole through them, and once in place they face a hole in the cover, making it possible to seal the box and prevent access to the inside.



Conical cable glands

- The conical cable glands have diameters of 25 mm and 40 mm.
- They are supplied in the EP*** and EV*** versions and are always assembled in the box.
- The cones are manufactured with a flexible material that guarantees a suitable degree of protection in all cases.
- The design of the cones consists of rings placed at different heights. Each one of these rings corresponds to a pipe diameter for electrical installations, so that if they are cut to different heights the pipe can be inserted into the box through the conical cable gland, maintaining a perfect fit and guaranteeing watertightness.

Hinges

- Option to fit hinges between the cover and the base for all models of boxes and motor housings.
- The hinges come with markings showing the position of the screws for their attachment.

Ø of rings depending on cone model

Cones	Size 1	Size 2	Size 3	Size 4	Size 5
M25	-	-	20 mm	16 mm	20 mm ²
M40	32 mm	25 mm	-	16 mm	20 mm ²

LIGHT

IP65-IP67 junction boxes

Boxes with opaque cover

Ref. No.	Dimensions	Description	Cable entry No. conical glands		Weight	Power dissipation according to temperature increase °C P(W)*					RATE PER / NO
HEIGHT X WIDTH X DEPTH			M25	M40	KG	20	25	30	35	40	
EP048	Ø84x50	With conical cable glands	4	-	0.07	1.6	2.0	2.4	2.9	3.3	450
EP088	84x84x50	With conical cable glands	7	-	0.08	1.6	2.0	2.4	2.9	3.3	550
EV111	108x108x64	With conical cable glands	7	-	0.16	2.7	3.4	4.0	4.7	5.4	750
EV161	116x162x76	With conical cable glands	6	4	0.25	3.8	4.7	5.7	6.6	7.6	1200
EV171	151x175x95	With conical cable glands	6	4	0.38	6.0	7.5	9.0	10.5	12.1	1350
EV231	180x241x95	With conical cable glands	4	6	0.53	8.6	10.8	13.0	15.1	17.3	1550
EV322	239x328x129	With conical cable glands	-	12	1.17	15.7	19.6	23.6	27.5	31.4	2250
EX088	84x84x50	Knock-out entries	7	-	0.06	1.6	2.0	2.4	2.9	3.3	450
EX111	108x108x64	Knock-out entries	7	-	0.14	2.7	3.4	4.0	4.7	5.4	650
EX161	116x162x76	Knock-out entries	6	4	0.21	3.8	4.7	5.7	6.6	7.6	1050
EX171	151x175x95	Knock-out entries	6	4	0.32	6.0	7.5	9.0	10.5	12.1	1200
EX231	180x241x95	Knock-out entries	4	6	0.46	8.6	10.8	13.0	15.1	17.3	1350
EX322	239x328x129	Knock-out entries	-	12	1.06	15.7	19.6	23.6	27.5	31.4	2100
EL111	108x108x64	Plain sides	-	-	0.14	2.7	3.4	4.0	4.7	5.4	650
EL161	116x162x76	Plain sides	-	-	0.22	3.8	4.7	5.7	6.6	7.6	1050
EL171	151x175x95	Plain sides	-	-	0.38	6.0	7.5	9.0	10.5	12.1	1200
EL231	180x241x95	Plain sides	-	-	0.47	8.6	10.8	13.0	15.1	17.3	1350
EL322	239x328x129	Plain sides	-	-	1.06	15.7	19.6	23.6	27.5	31.4	2100

HALOGEN-FREE PLASTIC MATERIALS

Base and opaque cover: PS RAL 7035 - Cones: RAL 7035.

Surface boxes.

References EP048-EP088-EX088: IP54.

References EV: IP65.

References EX-EL: IP65-IP67.

* Calculations obtained according to the CEI 890:1997 standard (including Corrigendum 1998). Method of temperature-rise assessment by extrapolation for partially type-tested assemblies (PTTA) of low-voltage switchgear and control gear.



EP048



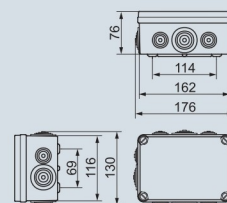
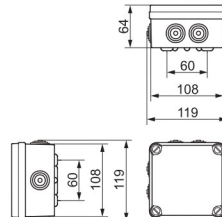
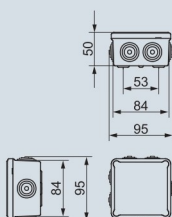
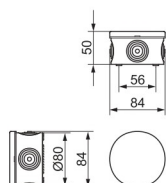
EP/EX088



EV/EX/EL111



EV/EX/EL161



Boxes with transparent cover

Ref. No.	Dimensions	Description	Cable entry No. conical glands		Weight	Power dissipation according to temperature increase °C P(W)*					RATE PER / NO
HEIGHT X WIDTH X DEPTH			M25	M40	KG	20	25	30	35	40	
EVT171	151x175x95	With conical cable glands	6	4	0.38	6.0	7.5	9.0	10.5	12.1	1700
EVT231	180x241x95	With conical cable glands	4	6	0.53	8.6	10.8	13.0	15.1	17.3	1900
EVT322	239x328x129	With conical cable glands	-	12	1.17	15.7	19.6	23.6	27.5	31.4	2400
EXT171	151x175x95	Knock-out entries	6	4	0.32	6.0	7.5	9.0	10.5	12.1	1550
EXT231	180x241x95	Knock-out entries	4	6	0.46	8.6	10.8	13.0	15.1	17.3	1700
EXT322	239x328x129	Knock-out entries	-	12	1.06	15.7	19.6	23.6	27.5	31.4	2600
ELT171	151x175x95	Plain sides	-	-	0.38	6.0	7.5	9.0	10.5	12.1	1550
ELT231	180x241x95	Plain sides	-	-	0.47	8.6	10.8	13.0	15.1	17.3	1700
ELT322	239x328x129	Plain sides	-	-	1.06	15.7	19.6	23.6	27.5	31.4	2600

HALOGEN-FREE PLASTIC MATERIALS

Opaque base: PS RAL 7035 - Transparent cover: PC, tinted, with UV protection - Cones: RAL 7035.

Surface boxes.

References EVT: IP65.

References EXT-ELT: IP65-IP67.

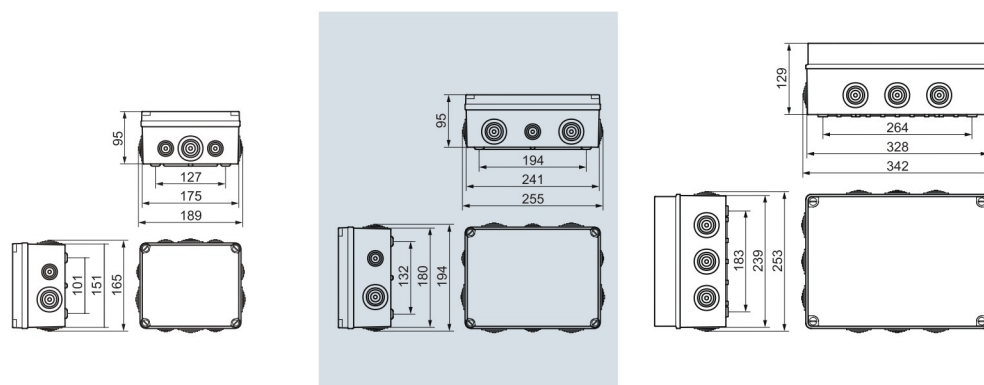
* Calculations obtained according to the CEI 890:1997 standard (including Corrigendum 1998). Method of temperature-rise assessment by extrapolation for partially type-tested assemblies (PTTA) of low-voltage switchgear and control gear.



EV/EX/EL171
EVT/EXT/ELT171

EV/EX/EL231
EVT/EXT/ELT231

EV/EX/EL322
EVT/EXT/ELT322



LIGHT

IP65-IP67 junction boxes

Motor-protection boxes with **opaque cover**

Ref. No.	Dimensions	Description	Cable entry No. conical glands		Weight	Power dissipation according to temperature increase °C P(W)*					RATE PER / NO
HEIGHT X WIDTH X DEPTH			M25	M40	KG	20	25	30	35	40	
GSV171	151x175x155	With conical cable glands	6	4	0.49	8.2	10.2	12.3	14.3	16.4	1900
GSV231	180x241x175	With conical cable glands	4	6	0.80	12.4	15.4	18.5	21.6	24.7	2300
GSV322	239x328x188	With conical cable glands	-	12	1.61	19.4	24.2	29.1	33.9	38.8	3000
GSX171	151x175x155	Knock-out entries	6	4	0.43	8.2	10.2	12.3	14.3	16.4	1900
GSX231	180x241x175	Knock-out entries	4	6	0.77	12.4	15.4	18.5	21.6	24.7	2300
GSX322	239x328x188	Knock-out entries	-	12	1.48	19.4	24.2	29.1	33.9	38.8	3000
GSL171	151x175x155	Plain sides	-	-	0.43	8.2	10.2	12.3	14.3	16.4	1900
GSL231	180x241x175	Plain sides	-	-	0.74	12.4	15.4	18.5	21.6	24.7	2300
GSL322	239x328x188	Plain sides	-	-	1.48	19.4	24.2	29.1	33.9	38.8	3000

HALOGEN-FREE PLASTIC MATERIALS

Base and opaque cover: PS RAL 7035 - Cones: RAL 7035.

Transparent cover: PC, tinted, with UV protection.

Surface boxes - High cover.

References GSV: IP65.

References GSX-GSL: IP65-IP67.

* Calculations obtained according to the CEI 890:1997 standard (including Corrigendum 1998). Method of temperature-rise assessment by extrapolation for partially type-tested assemblies (PTTA) of low-voltage switchgear and control gear.



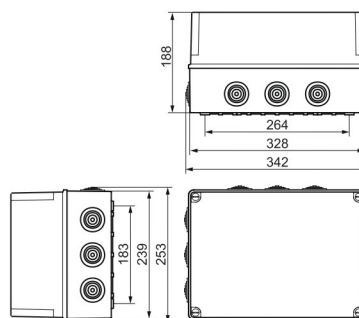
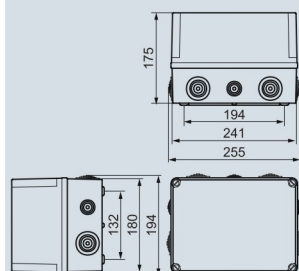
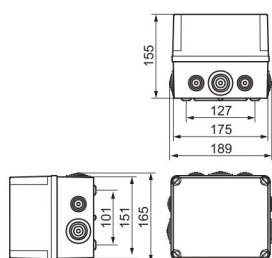
GSV/GSX/GSL171



GSV/GSX/GSL231



GSV/GSX/GSL322



Motor-protection boxes with transparent cover

Ref. No.	Dimensions	Description	Cable entry No. conical glands		Weight KG	Power dissipation according to temperature increase °C P(W)*					RATE PER / NO
			M25	M40		20	25	30	35	40	
GSVT171	151x175x155	With conical cable glands	6	4	0.53	8.2	10.2	12.3	14.3	16.4	2100
GSVT231	180x241x175	With conical cable glands	4	6	0.87	12.4	15.4	18.5	21.6	24.7	2450
GSVT322	239x328x188	With conical cable glands	-	12	1.61	19.4	24.2	29.1	33.9	38.8	3300
GSXT171	151x175x155	Knock-out entries	6	4	0.46	8.2	10.2	12.3	14.3	16.4	1950
GSXT231	180x241x175	Knock-out entries	4	6	0.80	12.4	15.4	18.5	21.6	24.7	2350
GSXT322	239x328x188	Knock-out entries	-	12	1.48	19.4	24.2	29.1	33.9	38.8	3300
GSLT171	151x175x155	Plain sides	-	-	0.46	8.2	10.2	12.3	14.3	16.4	1950
GSLT231	180x241x175	Plain sides	-	-	0.80	12.4	15.4	18.5	21.6	24.7	2350
GSLT322	239x328x188	Plain sides	-	-	1.55	19.4	24.2	29.1	33.9	38.8	3300

HALOGEN-FREE PLASTIC MATERIALS

Base and opaque cover: PS RAL 7035 - Cones: RAL 7035.

Transparent cover: PC, tinted, with UV protection.

Surface boxes - High cover.

References GSVT: IP65.

References GSXT-GSLT: IP65-IP67.

* Calculations obtained according to the CEI 890:1997 standard (including Corrigendum 1998). Method of temperature-rise assessment by extrapolation for partially type-tested assemblies (PTTA) of low-voltage switchgear and control gear.



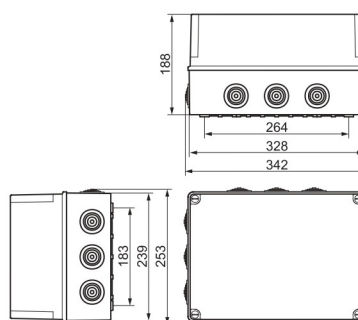
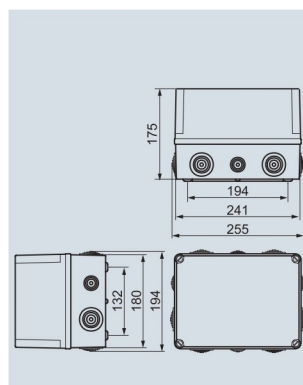
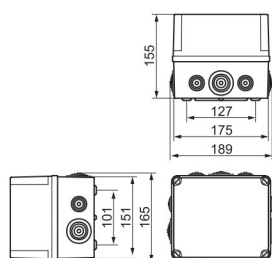
GSVT/GSXT/GSLT171



GSVT/GSXT/GSLT231



GSVT/GSXT/GSLT322



ECOLOGY

IP65 Surface distribution boxes

The IP65 watertight distribution enclosures are manufactured with the highest-quality halogen-free plastic materials and are available in ABS and Polycarbonate. They have ample space for wiring and a modular capacity from 4 to 54 modules. They are intended for indoor and outdoor use, where enclosures with a high degree of protection and design are required.

The design allows installation together with STAR socket boxes to create large distribution and supply boards. For both indoor and outdoor use, provided the components meet the required standards.



ECOLOGY Technical Specifications

- **Degree of protection:** IP65.
- **Resistance to impact:** IK08.
- **Glow wire resistance:**
 - ABS: 650 °C.
 - Polycarbonate: 750 °C.
- **Ambient temperature range:** -25 °C / +40 °C.
- **Maximum operating voltage:** 1000 V AC/1500 V DC.
- **Double insulation:** Class II.

ECOLOGY Certifications

Compliant with the Low Voltage Directive 2014/35/UE.
Standards: UNE-EN 62208 and UNE-EN 61439-1
(as applicable).

ECOLOGY

IP65 distribution boxes



Product series

- Surface enclosures with a capacity of 4, 6, 8, 12, 18, 24, 36 and 54 modules with transparent window.

Material

ABS version

- Halogen-free plastic materials, with UV protection.
- Base and frame: ABS RAL 7035 grey.
- Transparent window: PC tinted window.

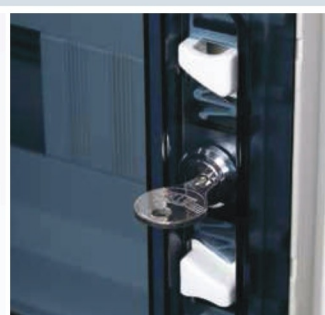
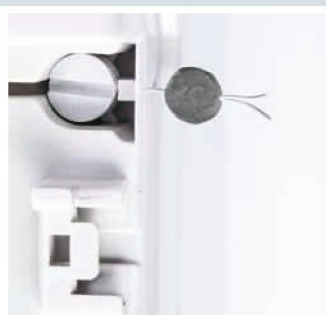
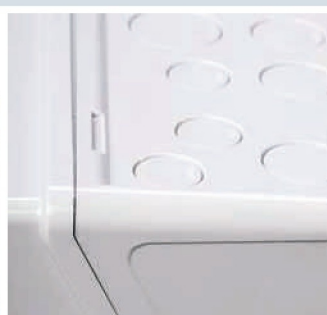
Polycarbonate version

- Halogen-free plastic materials, with UV protection.
- Base and frame: PC RAL 7035 grey.
- Transparent window: PC tinted window.
Recommended for outdoor use.

Supply

- Supplied in individual packaging. When several items are sent together, they are bundled together with transparent film.
- TH35x7.5 symmetrical rail in enclosures with one row of modules and a compact frame in enclosures with two or more rows of modules. They are supplied assembled in all references.
- Accessory bag:
 - Hermetic caps.
 - Cover-base locking screws.
 - Grey module cover (6 modules).
 - Module identification strips.
 - Assembly instructions.

Available in ABS and Polycarbonate UV-ray resistant with a transparent window



Base

- Base with double height DIN rail (from 12 modules) providing greater space on the inside for wiring and devices, and a reinforcement rib that delivers greater rigidity.
- The sides have marks to facilitate the positioning of the bushing for joining boxes.
- The top and bottom sides have knock-outs with the standard metric diameters so that they can be quickly removed with a screwdriver for cable and pipe entry. These knockouts have central pre-marks to open other required diameters.
- The bottom of the base is fitted with supports for attaching neutral and earth bars, as well as the housings for attaching the DIN rail. It also has pre-marks to open other diameters.

Frame

- The frame has double height which gives it greater rigidity.
- The frame-base unit is closed by means of 1/4 turn captive sealable power screws. This creates a box that can be sealed at four points.
- Covered with a sealing gasket that guarantees the IP protection of the unit.

Window

- Transparent tinted windows with UV protection.
- The window is covered with a sealing gasket to guarantee the assembly's IP protection.
- Reversible 180° horizontal window opening, except CDN4G box with 90° vertical opening.
- Lock with the IDE logotype with pressure-operated opening and closing, except CDN4G. The lock can be replaced with key locks or triangular locks (inserts supplied as accessories).



DIN rail attachment

- For 1-row models, the rail is inserted into the side housing, without a screw, and is secured by means of a screw on the other side.
- For models with 2 or more rows, a detachable frame is inserted.
- Double rail and frame positioning height as of 12 modules of capacity.
- The DIN rail is attached to the base with 4x13 special screws for plastic.
- The rails are supplied assembled in the bases.

Wall-mounting

- There are two possible wall-mounting systems:
- By means of four screws, directly from the housings located at the bottom of the base provided for this purpose; these housings are covered with hermetic caps (supplied in the accessories bag, ref. 77650) to maintain the degree of protection and dielectric strength.
- Through the holes made for the purpose of securing the frame-base, by means of four screws, except CDN4G.

IP65 surface distribution boxes (ABS)

Reference No.	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)					RATE PER / NO
		HEIGHT	WIDTH	DEPTH		20	25	30	35	40	
CDN4G	1x4 DIN rail	177	102	105	0.3	5.0	6.2	7.5	8.7	10.0	2500
CDN4PT	1x4 DIN rail	231	166	113	0.7	8.9	11.1	13.3	15.5	17.8	3000
CDN6PT	1x6 DIN rail	231	202	113	0.9	10.1	12.6	15.1	17.7	20.2	3500
CDN8PT	1x8 DIN rail	231	238	118	1.0	11.6	14.5	17.4	20.3	23.1	4000
CDN12PT	1x12 DIN rail	246	310	148	1.4	16.6	20.7	24.8	29.0	33.1	5400
CDN18PT	1x18 DIN rail	286	418	148	2.0	23.1	28.9	34.7	40.4	46.2	7300

CONTINUED ON PAGE 266.

IP65 surface distribution boxes (Polycarbonate)

Reference No.	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)					RATE PER / NO
		HEIGHT	WIDTH	DEPTH		20	25	30	35	40	
CDP4PT	1x4 DIN rail	231	166	113	0.8	8.9	11.1	13.3	15.5	17.8	3500
CDP6PT	1x6 DIN rail	231	202	113	1.0	10.1	12.6	15.1	17.7	20.2	4000
CDP8PT	1x8 DIN rail	231	238	118	1.0	11.6	14.5	17.4	20.3	23.1	5000
CDP12PT	1x12 DIN rail	246	310	148	1.5	16.6	20.7	24.8	29.0	33.1	6400
CDP18PT	1x18 DIN rail	286	418	148	2.1	23.1	28.9	34.7	40.4	46.2	8500

CONTINUED ON PAGE 266.

HALOGEN-FREE PLASTIC MATERIALS, WITH UV PROTECTION

Ref. CDN: Frame and base in ABS RAL 7035 grey. Transparent PC tinted window.

Ref. CDP: Frame and base in PC RAL 7035 grey. Transparent PC tinted window.

IP65 - Surface - Sealable.



**1x4 modules
CDN4G**

TOP: 1xM25



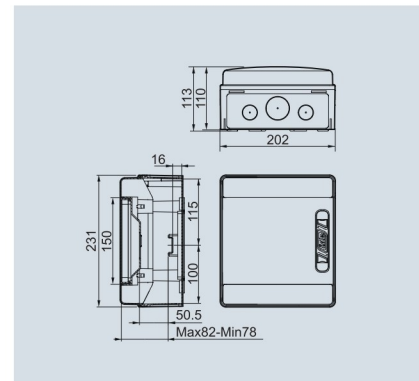
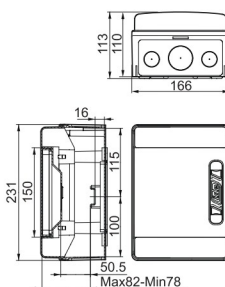
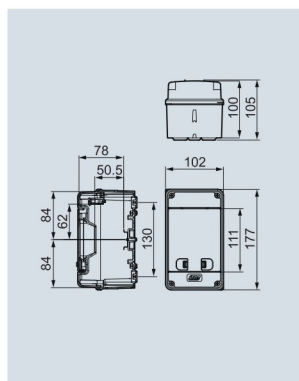
**1x4 modules
CDN4PT**

TOP: 2xM25-1xM40
BOTTOM: 2xM25-1xM40
OBLONG REAR: 2xOB25/25



**1x6 modules
CDN6PT**

TOP: 2xM25-1xM40
BOTTOM: 2xM25-1xM40
OBLONG REAR: 2xOB25/25



IP65 surface distribution boxes. With neutral and earth bars (ABS)

Reference No.	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)					RATE PER / NO
		HEIGHT	WIDTH	DEPTH		20	25	30	35	40	
CDN4G/R	1x4 DIN rail	177	102	105	0.5	5.0	6.2	7.5	8.7	10.0	2800
CDN4PT/RR	1x4 DIN rail	231	166	113	0.8	8.9	11.1	13.3	15.5	17.8	3300
CDN6PT/RR	1x6 DIN rail	231	202	113	1.0	10.1	12.6	15.1	17.7	20.2	3800
CDN8PT/RR	1x8 DIN rail	231	238	118	1.1	11.6	14.5	17.4	20.3	23.1	4300
CDN12PT/RR	1x12 DIN rail	246	310	148	1.6	16.6	20.7	24.8	29.0	33.1	6000
CDN18PT/RR	1x18 DIN rail	286	418	148	2.2	23.1	28.9	34.7	40.4	46.2	7600

CONTINUED ON PAGE 267.

IP65 surface distribution boxes. With neutral and earth bars (Polycarbonate)

Reference No.	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)					RATE PER / NO
		HEIGHT	WIDTH	DEPTH		20	25	30	35	40	
CDP4PT/RR	1x4 DIN rail	231	166	113	0.9	8.9	11.1	13.3	15.5	17.8	3800
CDP6PT/RR	1x6 DIN rail	231	202	113	1.0	10.1	12.6	15.1	17.7	20.2	4300
CDP8PT/RR	1x8 DIN rail	231	238	118	1.1	11.6	14.5	17.4	20.3	23.1	5300
CDP12PT/RR	1x12 DIN rail	246	310	148	1.7	16.6	20.7	24.8	29.0	33.1	6700
CDP18PT/RR	1x18 DIN rail	286	418	148	2.3	23.1	28.9	34.7	40.4	46.2	8800

CONTINUED ON PAGE 267.

HALOGEN-FREE PLASTIC MATERIALS, WITH UV PROTECTION

Ref. CDN: Frame and base in ABS RAL 7035 grey. Transparent PC tinted window.

Ref. CDP: Frame and base in PC RAL 7035 grey. Transparent PC tinted window.

IP65 - Surface - Sealable.

/RR: With neutral and earth bars.

/R: With busbar PE or neutral.



**1x8 modules
CDN8PT**

TOP: 4xM25-1xM40
BOTTOM: 4xM25+1xM40
INT: -
OBLONG REAR: 2xOB25/25



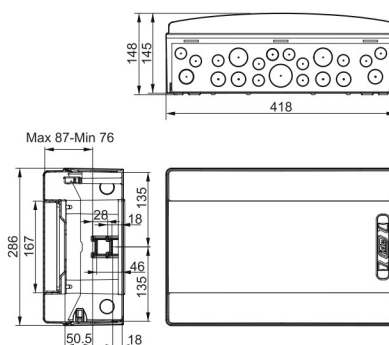
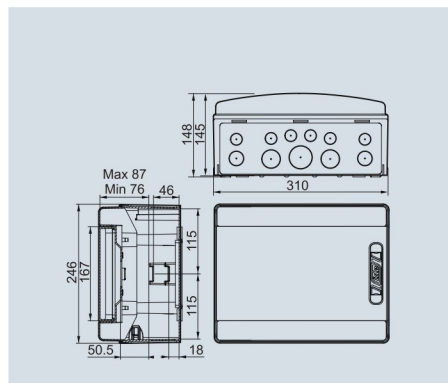
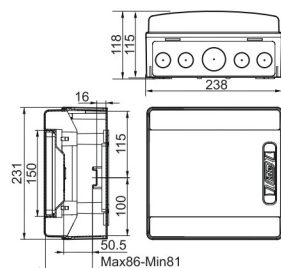
**1x12 modules
CDN12PT**

TOP: 6xM20-2xM25-2xM32-1xM40
BOTTOM: 6xM20-2xM25-2xM32-1xM40
INT: 4xM25
OBLONG REAR: 2xOB 25/32/25



**1x18 modules
CDN18PT**

TOP: 12xM20-6xM25-2xM32-1xM40
BOTTOM: 12xM20-6xM25-2xM32-1xM40
INT: 4xM25
OBLONG REAR: 2xOB 25/32/25



IP65 surface distribution boxes (ABS)

Reference No.	No. of modules	Dimensions			Weight kg	Power dissipation according to temperature increase °C P(W)					RATE PER / NO
		HEIGHT	WIDTH	DEPTH		20	25	30	35	40	
CDN24PT	2x12 (24) DIN rail	436	310	148	2.4	25.9	32.3	38.8	45.3	51.7	9700
CDN36PT2F	2x18 (36) DIN rail	436	418	148	3.1	32.1	40.1	48.1	56.1	64.1	11700
CDN36PT3F	3x12 (36) DIN rail	586	310	148	3.1	33.2	41.5	49.8	58.1	66.5	13000
CDN54PT	3x18 (54) DIN rail	586	418	148	4.0	41.0	51.2	61.5	71.7	82.0	18700

IP65 surface distribution boxes (Polycarbonate)

Reference No.	No. of modules	Dimensions			Weight kg	Power dissipation according to temperature increase °C P(W)					RATE PER / NO
		HEIGHT	WIDTH	DEPTH		20	25	30	35	40	
CDP24PT	2x12 (24) DIN rail	436	310	148	2.6	25.9	32.3	38.8	45.3	51.7	11000
CDP36PT2F	2x18 (36) DIN rail	436	418	148	3.3	32.1	40.1	48.1	56.1	64.1	13000
CDP36PT3F	3x12 (36) DIN rail	586	310	148	3.3	33.2	41.5	49.8	58.1	66.5	14000
CDP54PT	3x18 (54) DIN rail	586	418	148	4.3	41.0	51.2	61.5	71.7	82.0	20000

HALOGEN-FREE PLASTIC MATERIALS, WITH UV PROTECTION

Ref. CDN: Frame and base in ABS RAL 7035 grey. Transparent PC tinted window.

Ref. CDP: Frame and base in PC RAL 7035 grey. Transparent PC tinted window.

IP65 - Surface - Sealable.



**2x12 (24) modules
CDN24PT**

TOP: 8xM20-2xM25-2xM32-1xM40
BOTTOM: 6xM20-2xM25-2xM32-1xM40
INT: 4xM25
OBLONG REAR: 2xOB 25/32/25



**2x18 (36) modules
CDN36PT2F**

TOP: 12xM20-6xM25-2xM32-1xM40
BOTTOM: 12xM20-6xM25-2xM32-1xM40
INT: 4xM25
OBLONG REAR: 2xOB 25/32/25



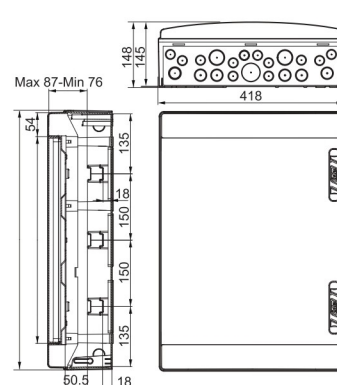
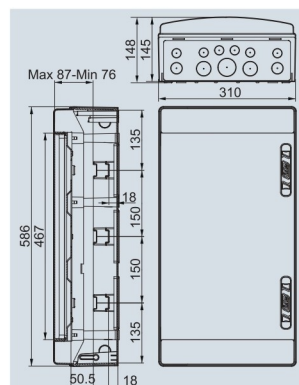
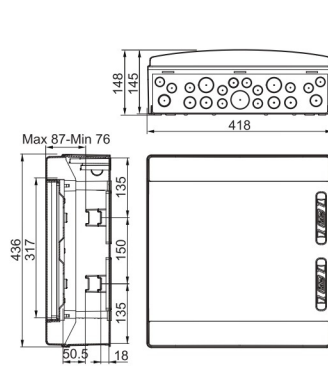
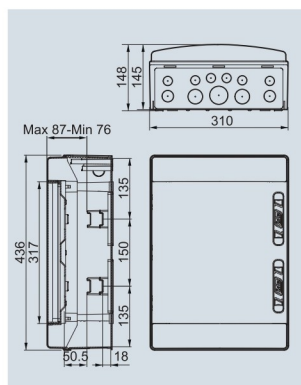
**3x12 (36) modules
CDN36PT3F**

TOP: 8xM20-2xM25-2xM32-1xM40
BOTTOM: 6xM20-2xM25-2xM32-1xM40
INT: 4xM25
OBLONG REAR: 2xOB 25/32/25



**3x18 (54) modules
CDN54PT**

TOP: 12xM20-6xM25-2xM32-1xM40
BOTTOM: 12xM20-6xM25-2xM32-1xM40
INT: 4xM25
OBLONG REAR: 2xOB 25/32/25





IP65 surface distribution boxes. With neutral and earth bars (ABS)

Reference No.	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)					RATE PER / NO
		HEIGHT	WIDTH	DEPTH		20	25	30	35	40	
CDN24PT/RR	2x12 (24) DIN rail	436	310	148	2.6	25.9	32.3	38.8	45.3	51.7	10000
CDN36PT2F/RR	2x18 (36) DIN rail	436	418	148	3.4	32.1	40.1	48.1	56.1	64.1	12000
CDN36PT3F/RR	3x12 (36) DIN rail	586	310	148	3.4	33.2	41.5	49.8	58.1	66.5	13500
CDN54PT/RR	3x18 (54) DIN rail	586	418	148	4.4	41.0	51.2	61.5	71.7	82.0	19000

IP65 surface distribution boxes. With neutral and earth bars (Polycarbonate)

Reference No.	No. of modules	Dimensions			Weight	Power dissipation according to temperature increase °C P(W)					RATE PER / NO
		HEIGHT	WIDTH	DEPTH		20	25	30	35	40	
CDP24PT/RR	2x12 (24) DIN rail	436	310	148	2.8	25.9	32.3	38.8	45.3	51.7	12500
CDP36PT2F/RR	2x18 (36) DIN rail	436	418	148	3.6	32.1	40.1	48.1	56.1	64.1	13500
CDP36PT3F/RR	3x12 (36) DIN rail	586	310	148	3.6	33.2	41.5	49.8	58.1	66.5	14500
CDP54PT/RR	3x18 (54) DIN rail	586	418	148	4.7	41.0	51.2	61.5	71.7	82.0	20500

HALOGEN-FREE PLASTIC MATERIALS, WITH UV PROTECTION

Ref. CDN: Frame and base in ABS RAL 7035 grey. Transparent PC tinted window.

Ref. CDP: Frame and base in PC RAL 7035 grey. Transparent PC tinted window.

IP65 - Surface - Sealable.

/RR: With neutral and earth bars.

Ultra-modern design and plenty of space for wiring

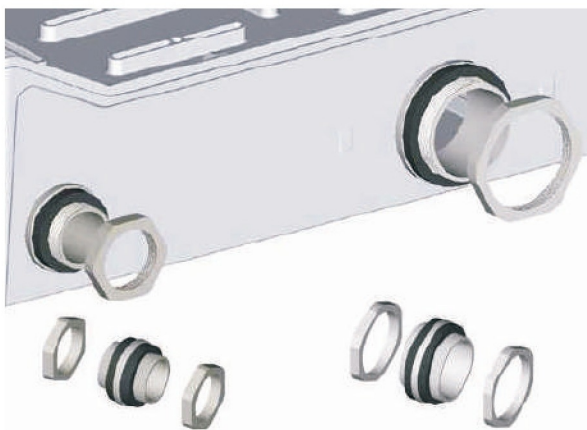
ECO-STAR SYSTEM

Ecology Series (Distribution boxes) + Star Series (Boxes for industrial sockets)

The Eco-Star system gives the possibility of joining the IP65 watertight distribution boxes (Ecology series) and IP65 boxes for industrial sockets (Star series), to create large-sized assemblies and modular capacity.

Combined with each other, they offer the installer the most versatile internationally-certified solution to combine distribution boxes and units for power sockets.

They have ample room for cables and extensive modular capacity. Intended for indoor and outdoor uses, wherever a high degree of protection and safety is required.



REF. 94273: M25 BUSHING

REF. 94274: M40 BUSHING

Join system

Joining these two models makes it possible to create large-sized power supply and distribution enclosures.

The boxes have marks on the sides for the easy installation of M25 and M40 bushings with rubber gasket to guarantee IP65 protection. They can be joined both vertically and horizontally.

The use of two M25 cable glands or a combination of an M25 cable gland and an M40 cable gland is recommended when more space is needed to run the cables.

Different joining possibilities and combinations



CDN24PT+CSN12PT



CSN12PT+PCSNPLUS



PCSN12PT+PCSN6PT

STAR + Additional module



Reference No.	No. of modules	Weight	Components	
			References	
		kg		
CSN12PT/PLUS	1x12 DIN rail + Additional	3.0	CSN12PT	CSNPLUS

HALOGEN-FREE PLASTIC MATERIALS

FINISH: Grey RAL 7035 with transparent window.

DIMENSIONS: 436x452x147 mm.

IP65 - Surface.



Reference No.	No. of modules	Weight	Components	
			References	
		kg		
CSN18PT/PLUS	1x18 DIN rail + Additional	3.6	CSN18PT	CSNPLUS

HALOGEN-FREE PLASTIC MATERIALS

FINISH: Grey RAL 7035 with transparent window.

DIMENSIONS: 436x560x147 mm.

IP65 - Surface.



Reference No.	No. of modules	Weight	Components		
			References		No. of lids
		kg			
PCSN12PT/PLUS	1x12 DIN rail + Additional	3.3	PCSN12PT	PCSNPLUS	15

HALOGEN-FREE PLASTIC MATERIALS

FINISH: Grey RAL 7035 with transparent window.

DIMENSIONS: 436x452x147 mm.

IP65 - Surface.



Reference No.	No. of modules	Weight	Components		
			References		No. of lids
		kg			
PCSN18PT/PLUS	1x18 DIN rail + Additional	4.0	PCSN18PT	PCSNPLUS	20

HALOGEN-FREE PLASTIC MATERIALS

FINISH: Grey RAL 7035 with transparent window.

DIMENSIONS: 436x560x147 mm.

IP65 - Surface.

ECOLOGY + Additional module



Reference No.	No. of modules	Weight	Components		
			References		No. of lids
		kg			
CDN24PT/PLUS	2x12 [24] DIN rail + Additional	3.5	CDN24PT	PCSNPLUS	5

HALOGEN-FREE PLASTIC MATERIALS

FINISH: Grey RAL 7035 with transparent window.

DIMENSIONS: 436x452x147 mm.

IP65 - Surface.



Reference No.	No. of modules	Weight	Components		
			References		No. of lids
		kg			
CDN36PT2F/PLUS	2x18 [36] DIN rail + Additional	4.2	CDN36PT2F	PCSNPLUS	5

HALOGEN-FREE PLASTIC MATERIALS

FINISH: Grey RAL 7035 with transparent window.

DIMENSIONS: 436x560x147 mm.

IP65 - Surface.

The boxes are supplied disassembled. Mounting accessories are included.

STAR

IP65 Boxes for industrial sockets

The STAR series comprises a set of enclosures for surface installation manufactured with halogen-free high-durability plastic materials. They are intended for housing power sockets or control and signalling elements. They are intended for installation in places requiring power points for fixed machinery, portable tools or auxiliary electrical equipment. Their sphere of application therefore includes industrial premises, workshops, warehouses, depot areas, building sites, etc.. or any place requiring a high degree of protection and safety.

Their design allows them to be installed jointly with junction boxes of the Ecology series in order to create large-sized power and distribution panels intended for indoor and outdoor settings, provided that the components fulfil the applicable legislation.



STAR Technical Specifications

- **Degree of protection:** IP65.
- **Resistance to impact:** IK08.
- **Glow wire resistance:** 650 °C.
- **Ambient temperature range:** -25 °C / +40 °C.
- **Maximum operating voltage:** 1000 V AC/1500 V DC.
- **Double insulation:** Class II.

STAR Certifications

Compliant with the Low Voltage Directive 2014/35/EU.
Standards: UNE-EN 62208 and UNE-EN 61439-1
(as applicable).



Product series

- Surface enclosures with a capacity of 4, 6, 9, 12, 18, 24 and 36 modules with transparent window.
- Interface box to provide greater capacity.

Material

- Halogen-free plastic materials, with UV protection.
- Enclosure: ABS RAL 7035.
- Transparent window: PC tinted window.

Supply

- Supplied in individual cardboard packaging. When several items are sent together, they are bundled together with transparent film.
- The enclosure is supplied with the windows assembled on the cover and the hinges attached to the base, leaving the cover totally free for handling by the installer. The rails are supplied assembled in all references.
- Accessory bag:
 - Base/cover screws.
 - Grey module cover (6 modules).
 - Module identification strips.
 - Hermetic caps.
 - Cover-base hinges.
 - Assembly instructions.

Enclosures for surface installation, intended for housing power sockets or control and signalling elements

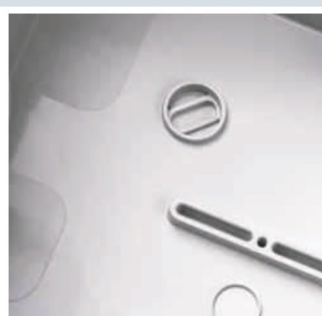
Neutral and earth bars

In some markets, the technical regulations governing installation require neutral and earth conductors to be connected to a common busbar. The base of these boxes has specific supports for this purpose. The neutral and earth bars will be screwed to these supports, which are supplied as an accessory.

They can be supplied pre-assembled by ordering the /RR references.

Neutral and earth bar structure

Ref. No.	Terminal		Cable section	
	N	E	NEUTRAL	EARTH
22019	5+1	-	1x(16-35 mm ²)+5x(10-25 mm ²)	-
22007	4+2	4+2	4x(2,5-6 mm ²)+2x(4-10 mm ²)	4x(2,5-6 mm ²)+2x(4-10 mm ²)
22001	8+1	8+1	5x(2,5-6 mm ²)+3x(4-10 mm ²)+1x(16-35 mm ²)	5x(2,5-6 mm ²)+3x(4-10 mm ²)+1x(16-35 mm ²)
22002	12+2	12+2	6x(2,5-6 mm ²)+6x(4-10 mm ²)+1x(10-25 mm ²)+1x(16-35 mm ²)	6x(2,5-6 mm ²)+6x(4-10 mm ²)+1x(10-25 mm ²)+1x(16-35 mm ²)
22003	16+2	16+2	8x(2,5-6 mm ²)+8x(4-10 mm ²)+1x(10-25 mm ²)+1x(16-35 mm ²)	8x(2,5-6 mm ²)+8x(4-10 mm ²)+1x(10-25 mm ²)+1x(16-35 mm ²)
22004	24+2	24+2	12x(2,5-6 mm ²)+12x(4-10 mm ²)+1x(10-25 mm ²)+1x(16-35 mm ²)	12x(2,5-6 mm ²)+12x(4-10 mm ²)+1x(10-25 mm ²)+1x(16-35 mm ²)



Base

- Base with double height DIN rail (from 12 modules) providing greater space on the inside for wiring and devices, and a reinforcement rib that delivers greater rigidity.
- The sides have marks to facilitate the positioning of the bushing for joining boxes.
- The top and bottom sides have knock-outs with the standard metric diameters so that they can be quickly removed with a screwdriver for cable and pipe entry. These knockouts have central pre-marks to open other required diameters.
- The bottom of the base is fitted with supports for attaching neutral and earth bars, as well as the housings for attaching the DIN rail. It also has pre-marks to open other diameters.

DIN rail attachment

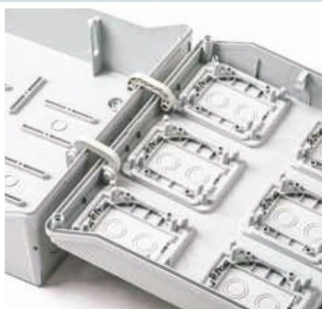
- The rail is clipped and screwed to the base. The rails are supplied assembled in the base.

Wall-mounting

- Wall-mounting is by means of four screws, directly from the housings located at the bottom of the base provided for this purpose. These housings are covered with hermetic caps (supplied in the accessories bag, ref. 77650) to maintain the degree of protection and dielectric strength.

Frame

- The frame is used for placing the power sockets and has a blank vertical area. Frame size varies depending on sizes, and all types of sockets can be fitted.
- The frame perimeter and the front of the box have protection from dust and water. The front side includes a sealing gasket on the window that guarantees the IP protection from dust and water.
- The geometry of the frame and its constituent elements give the part greater rigidity. The frame-base unit is closed by means of captive screws (supplied in the accessory bag).



Window

- Transparent tinted windows, with UV protection.
- The window has reinforcement ribs to provide rigidity and pressure on the sealing gasket of the frame that guarantees IP protection of the assembly.
- Handle with vertical opening in 4, 6 and 9-modules models, and 180° reversible horizontal window opening in 12, 18, 24 and 36-module models.
- Lock with the IDE logotype with pressure-operated opening and closing, except CSN4PT.
- The lock can be replaced with key locks or triangular locks (inserts supplied as accessories).

Frame-base hinge system

- This series has a frame-base hinge system that enhances manoeuvrability between both parts, guaranteeing both vertical and horizontal opening of 180°, except CSN4PT.
- The hinges' high resistance means that when the base is secured to the wall, the frame can be left hanging even if it has been totally installed with sockets or with equipment.
- The unit is assembled and disassembled by gently pressing on the ends of the part, which is symmetrical and reversible.

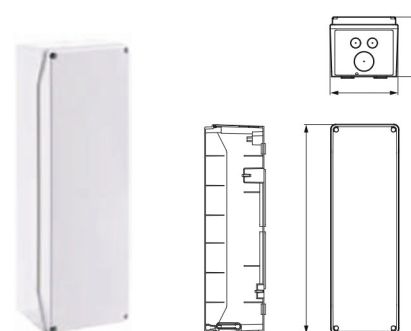
IP65 boxes for industrial sockets

Reference No.	No. of modules	Dimensions			Weight kg	Power dissipation according to temperature increase °C P(W)					RATE PER / NO
		HEIGHT	WIDTH	DEPTH		20	25	30	35	40	
CSNPLUS	-	436	142	124	0.9	14.6	18.3	21.9	25.6	29.2	3500
CSN4PT	1x4 DIN rail	385	102	105	0.6	10.0	12.5	15.0	17.5	20.0	3800
CSN6PT	1x6 DIN rail	436	142	137	1.1	15.5	19.4	23.3	27.1	31.0	6000
CSN9PT	1x9 DIN rail	436	210	137	1.4	19.3	24.1	29.0	33.8	38.6	8000
CSN12PT	1x12 DIN rail	436	310	147	2.0	25.8	32.2	38.7	45.1	51.6	9800
CSN18PT	1x18 DIN rail	436	418	147	2.5	32.0	39.9	47.9	55.9	63.9	12000
CSN24PT	2x12 (24) DIN rail	688	310	147	3.5	37.1	46.4	55.7	65.0	74.3	14500
CSN36PT	2x18 (36) DIN rail	728	418	147	4.6	49.5	61.8	74.2	86.6	98.9	16500

Frame and base in ABS RAL 7035 grey.

PC transparent window, tinted.

IP65 - Surface.



CSNPLUS

TOP: 2xM20 - 1xM40
BOTTOM: 2xM20 - 1xM40
REAR OBLONG: 2xOB25x25



1x4 modules CSN4PT

REAR: 2xM20



1x6 modules CSN6PT

TOP: 2xM20 - 1xM40
BOTTOM: 2xM20 - 1xM40
REAR OBLONG: 2xOB25x25



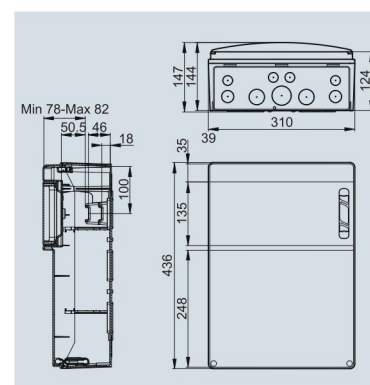
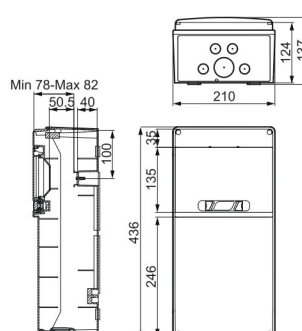
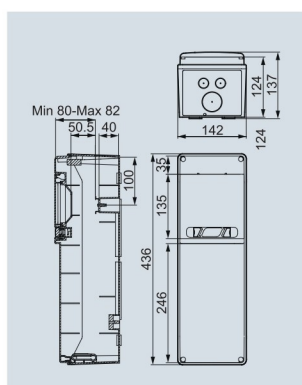
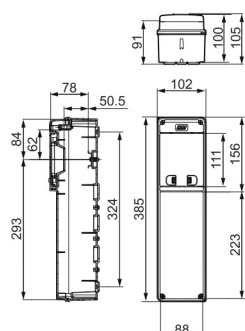
1x9 modules CSN9PT

TOP: 4xM20 - 1xM40
BOTTOM: 4xM20 - 1xM40
REAR OBLONG: 2xOB25x25



1x12 modules CSN12PT

TOP: 8xM20-2xM25/32-1xM40
BOTTOM: 4xM20-2xM25-2xM32-1xM40
REAR OBLONG: 2xOB 25/32/25



IP65 boxes for industrial sockets. With neutral and earth bars

Reference No.	No. of modules	Dimensions			Weight kg	Power dissipation according to temperature increase °C P(W)					RATE PER / NO
		HEIGHT	WIDTH	DEPTH		20	25	30	35	40	
CSNPLUS/RR	-	436	142	124	1.0	10.5	13.2	15.8	18.4	21.0	4000
CSN4PT/R	1x4 DIN rail	385	102	105	0.7	10.0	12.5	15.0	17.5	20.0	4300
CSN6PT/RR	1x6 DIN rail	436	142	137	1.2	14.3	17.9	21.5	25.1	28.7	7500
CSN9PT/RR	1x9 DIN rail	436	210	137	1.5	16.7	20.9	25.1	29.2	33.4	8500
CSN12PT/RR	1x12 DIN rail	436	310	147	2.2	24.1	30.1	36.1	42.1	48.2	11000
CSN18PT/RR	1x18 DIN rail	436	418	147	2.7	30.0	37.5	45.1	52.6	60.1	13500
CSN24PT/RR	2x12 (24) DIN rail	688	310	147	3.8	30.4	38.0	45.7	53.3	60.9	15500
CSN36PT/RR	2x18 (36) DIN rail	728	418	147	4.9	49.5	61.8	74.2	86.6	98.8	17500

HALOGEN-FREE PLASTIC MATERIALS, WITH UV PROTECTION

Frame and base in ABS RAL 7035 grey.

Transparent PC tinted window.

IP65 - Surface.

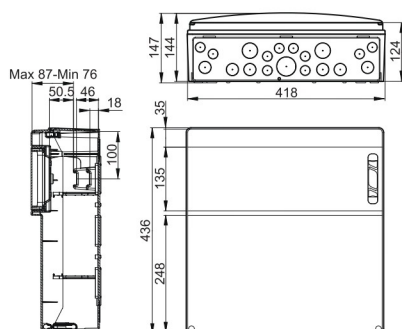
/RR: With neutral and earth bars.

/R: With busbar PE or neutral.



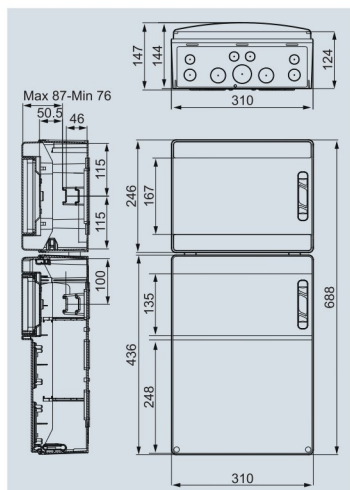
1x18 modules CSN18PT

TOP: 12xM20-6xM25-2xM32-1xM40
BOTTOM: 10xM20-6xM25-2xM32-1xM40
REAR OBLONG: 2xOB 25/32/25



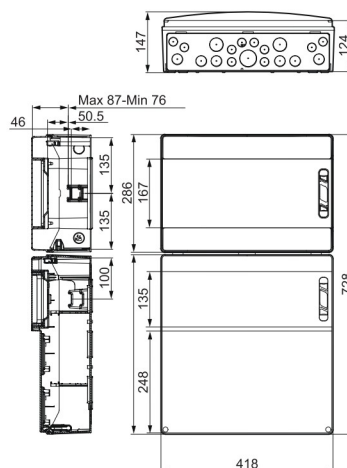
2x12 (24) modules CSN24PT

TOP: 6xM20-2xM25-2xM32-1xM40
BOTTOM: 4xM20-2xM25-1xM40
REAR OBLONG: 4xOB 25/32/25



2x18 (36) modules CSN36PT

TOP: 1xM40-2xM32-6xM25-12xM20
BOTTOM: 1xM40-2xM32-6xM25-10xM20
REAR OBLONG: 4xOB 25/32/25



STAR KNOCK-OUT

IP65 boxes for industrial sockets with knock-out lids



Product series

- Surface enclosures with a capacity 6, 9, 12, 18, 24 and 36 modules with transparent window.
- Wall-mounted enclosures with knock-out and interchangeable covers, to install different types of sockets with multiple combinations.
- Interface box available to provide greater capacity.

Material

- Halogen-free plastic materials, with UV protection.
- Base: ABS RAL 7035.
- Transparent window: PC tinted window.

Supply

- Supplied in individual cardboard packaging. When several items are sent together, they are bundled together with transparent film.
- The enclosure is supplied with the windows assembled on the cover and the hinges attached to the base, leaving the cover totally free for handling by the installer. The rails are supplied assembled in all references.
- Accessory bag:
 - Base/cover screws.
 - Grey module cover (6 modules).
 - Module identification strips.
 - Hermetic caps.
 - Cover-base hinges.
 - Assembly instructions.

Watertight boxes for installation of industrial sockets

Interchangeable covers

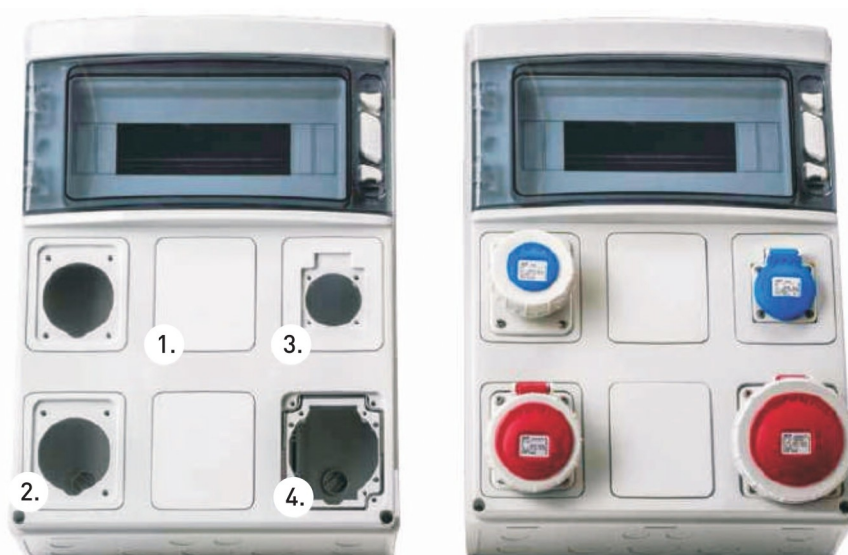
The enclosure is supplied with the interchangeable covers as below:

Reference No.	Plain covers	16A/ IP67 Schuko-type covers	IP44/IP54 Schuko-type covers
	Ref. 94270	Ref. 94271	Ref. 94272
PCSNPLUS	3	1	1
PCSN6PT	2	1	1
PCSN9PT	4	2	2
PCSN12PT	6	2	2
PCSN18PT	8	3	4
PCSN24PT	6	2	2
PCSN36PT	8	3	4

Knock-out lids

Reference No.	Description	Bases	Current (A)	Poles	IP
94270	Plain covers: Supplied assembled. Remove the cover in order to install sockets.	Flush-fit	16	3P+N+E	IP44 - IP67
		Flush-fit	32	2P+E - 3P+E - 3P+N+E	IP44 - IP67
94271	16 A cover: Supplied in the box. Screw-in cover for socket installation.	Flush-fit	16	2P+E - 3P+E	IP44 - IP67
		Schuko-type	16	2P+E	IP67
94272	Schuko-type cover: Supplied in the box. Screw-in and clip-on cover for Schuko-type socket installation.	Schuko-type	16	2P+E	IP44 - IP54

Possibility of lids



1 and 4. PLAIN COVER (Ref. 94270)

It is supplied assembled, with knock-outs for the installation of pilot lights or pushbuttons.

Remove the plain cover in order to install sockets.

- 16 A (3P+N+E) - IP44-IP67.
- 32 A IP44-IP67.

2. 16A COVER (Ref. 94271)

Screw-in cover for socket installation:

- 16 A (2P+E) (3P+E) - IP44-IP67.
- Schuko-type 16 A - IP67.

3. SCHUKO-TYPE COVER (Ref. 94272)

Screw-in and clip-on cover for Schuko-type 16 A sockets - IP44-IP54.

STAR KNOCK-OUT

IP65 boxes for industrial sockets with knock-out lids

IP65 boxes for industrial sockets. With knock-out lids

Reference No.	No. of modules	Dimensions			No. of covers	Weight kg	Power dissipation according to temperature increase °C P(W)					Type
		HEIGHT	WIDTH	DEPTH			20	25	30	35	40	
PCSNPLUS	-	436	142	124	5	1.1	14.6	18.3	21.9	25.6	29.2	65TC00TR
PCSN6PT	1x6 DIN rail	436	142	137	4	1.2	15.5	19.4	23.3	27.1	31.0	65TC06TR
PCSN9PT	1x9 DIN rail	436	210	137	8	1.6	19.3	24.1	29.0	33.8	38.6	65TC09TR
PCSN12PT	1x12 DIN rail	436	310	147	10	2.2	25.8	32.2	38.7	45.1	51.6	65TC12TR
PCSN18PT	1x18 DIN rail	436	418	147	15	2.8	32.0	39.9	47.9	55.9	63.9	65TC18TR
PCSN24PT	2x12 (24) DIN rail	688	310	147	10	3.8	37.1	46.4	55.7	65.0	74.3	65TC24TR
PCSN36PT	2x18 (36) DIN rail	728	418	147	15	4.9	49.5	61.8	74.2	86.6	98.9	65TC36TR

HALOGEN-FREE PLASTIC MATERIALS, WITH UV PROTECTION

Frame and base in ABS RAL 7035 grey.

Transparent PC tinted window.

IP65 - Surface.



PCSNPLUS

TOP: 2xM20 - 1xM40
BOTTOM: 2xM20 - 1xM40
OBLONG REAR: 2xOB25x25



1x6 modules PCSN6PT

TOP: 2xM20 - 1xM40
BOTTOM: 2xM20 - 1xM40
OBLONG REAR: 2xOB25x25



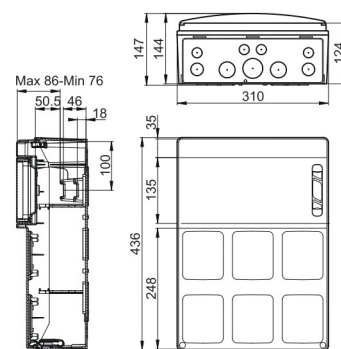
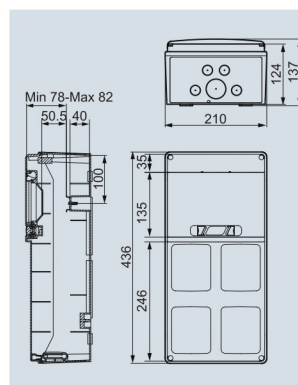
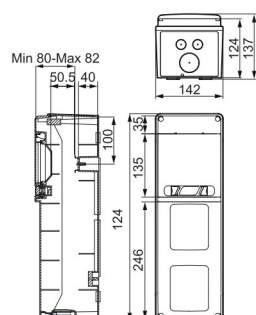
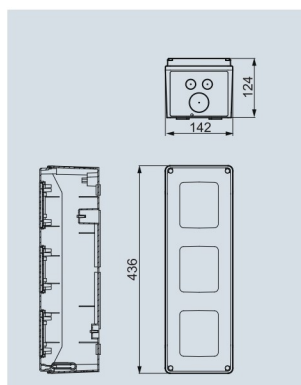
1x9 modules PCSN9PT

TOP: 4xM20 - 1xM40
BOTTOM: 4xM20 - 1xM40
OBLONG REAR: 2xOB25x25



1x12 modules PCSN12PT

TOP: 8xM20-2xM25/32-1xM40
BOTTOM: 4xM20-2xM25-2xM32-1xM40
OBLONG REAR: 2xOB 25/32/25



IP65 boxes for industrial sockets. With knock-out lids. With neutral and earth bars

Reference No.	No. of modules	Dimensions			No. of covers	Weight kg	Power dissipation according to temperature increase °C P(W)					Type
							20	25	30	35	40	
PCSNPLUS/RR	-	436	142	124	5	1.1	14.6	18.3	21.9	25.6	29.2	65TC00TR
PCSN6PT/RR	1x6 DIN rail	436	142	137	4	1.3	15.5	19.4	23.3	27.1	31.0	65TC06TR
PCSN9PT/RR	1x9 DIN rail	436	210	137	8	1.7	19.3	24.1	29.0	33.8	38.6	65TC09TR
PCSN12PT/RR	1x12 DIN rail	436	310	147	10	2.4	25.8	32.2	38.7	45.1	51.6	65TC12TR
PCSN18PT/RR	1x18 DIN rail	436	418	147	15	3.0	32.0	39.9	47.9	55.9	63.9	65TC18TR
PCSN24PT/RR	2x12 (24) DIN rail	688	310	147	10	4.0	37.1	46.4	55.7	65.0	74.3	65TC24TR
PCSN36PT/RR	2x18 (36) DIN rail	728	418	147	15	5.2	49.5	61.8	74.2	86.6	98.9	65TC36TR

HALOGEN-FREE PLASTIC MATERIALS, WITH UV PROTECTION

Frame and base in ABS RAL 7035 grey.

Transparent PC tinted window.

IP65 - Surface.

/RR: With neutral and earth bars.



1x18 modules PCSN18PT

TOP: 12xM20-6xM25/32-1xM40
BOTTOM: 10xM20-6xM25-2xM32-1xM40
OBLONG REAR: 2xOB 25/32/25



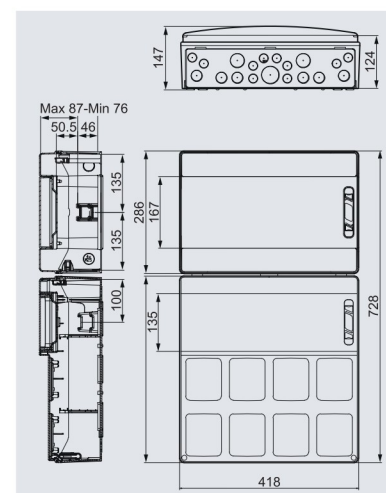
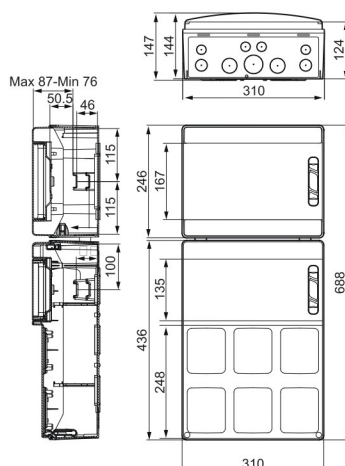
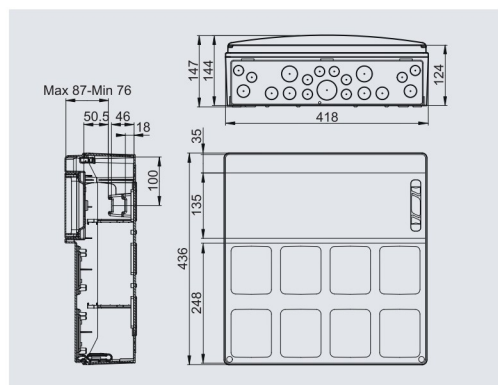
2x12 (24) modules PCSN24PT

TOP: 6xM20-2xM25-2xM32-1xM40
BOTTOM: 4xM20-2xM25-2xM32-1xM40
OBLONG REAR: 4xOB 25/32/25



2x18 (36) modules PCSN36PT

TOP: 1xM40-2xM32-6xM25-12xM20
BOTTOM: 1xM40-2xM32-6xM25-10xM20
OBLONG REAR: 4xOB25/32/25



Special assemblies

4 DIFFERENT POSSIBILITIES.

ASSEMBLE IT YOURSELF



Plain boxes.



Boxes with knock-out covers.

ORDER FROM THE FACTORY



Boxes with assembled and wired power sockets.

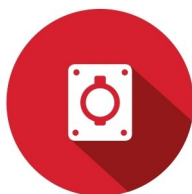


Boxes with assembled and wired power sockets and protections.

How to proceed



1. SELECT THE BOX.



2. CHOOSE THE POWER SOCKETS.



3. INDICATE THE REQUIRED PROTECTION.



4. SUBMIT ALL THE INFORMATION TO OUR TECHNICAL DEPARTMENT.

You can request a quotation and technical assessment at export@ide.es

Special assemblies can be supplied in any combination, assembled and wired, with no minimum order quantity

Proposal of sockets for Star boxes

SCHUKO-TYPE FLUSH-FIT SOCKETS

REF.	Poles	I	IP
00102	2P+E	16 A	44
00452	2P+E	16 A	54
00105	2P+E	16 A	67

IP44 FLUSH-FIT SOCKETS

REF.	Poles	I	Voltage
02301	2P+E	16 A	200/250 V
03302	3P+E	16 A	380/415 V
03303	3P+N+E	16 A	200/415 V
02304	2P+E	32 A	200/250 V
03305	3P+E	32 A	380/415 V
03306	3P+N+E	32 A	200/415 V

IP67 FLUSH-FIT SOCKETS

REF.	Poles	I	Voltage
02801	2P+E	16 A	200/250 V
03802	3P+E	16 A	380/415 V
03803	3P+N+E	16 A	200/415 V
02804	2P+E	32 A	200/250 V
03805	3P+E	32 A	380/415 V
03806	3P+N+E	32 A	200/415 V

See our full range of plugs and sockets on Mundial series

PRYMA

IP67 Boxes for industrial sockets

The PRYMA series comprises a set of enclosures for surface installation, manufactured with halogen-free high-durability plastic materials intended to house power sockets or control and signalling elements.

They are intended for installation in places requiring power points for fixed machinery, portable tools or auxiliary electrical equipment.

Their sphere of application therefore includes industrial premises, workshops, warehouses, depot areas, building sites, etc., or any place requiring a high degree of protection and safety.



PRYMA Technical Specifications

- **Degree of protection:** IP67.
- **Resistance to impact:** IK08.
- **Glow wire resistance:** 650 °C.
- **Ambient temperature range:** -25 °C / +40 °C.
- **Maximum operating voltage:** 1000 V AC/1500 V DC.
- **Double insulation:** Class II.

PRYMA Certifications

Compliant with the Low Voltage Directive 2014/35/EU.
Standards: UNE-EN 62208 and UNE-EN 61439-1
(as applicable).



Product series

- Surface enclosures with a capacity of 9, 13 and 26 modules with transparent window.

Material

- Halogen-free plastic materials, with UV protection.
- Base and frame: ABS RAL 7035.
- Transparent window: PC tinted window.

Supply

- Supplied in individual cardboard packaging. When several items are sent together, they are bundled together with transparent film.
- The enclosure is supplied with the windows assembled on the cover and the hinges attached to the base, leaving the cover totally free for handling by the installer.
- The rails are supplied assembled to the base for the 9-module models. For the 13- and 26-module models they are supplied disassembled in a bag containing the rail, supports and screws.
- Accessory bag:
 - 11x13 plastic screws.
 - Grey module cover (6 modules).
 - Module identification strips.
 - Hermetic caps (Ref. No. 1712GM and 1724GM).
 - Assembly instructions.

Intended for the industrial sector, where a high degree of safety and maximum protection are required

DIN rail attachment

- The rail can be attached to the enclosure in two different positions: to the base or to the cover.

Attachment of rail to cover:

- 178M, 178P, 1712GM and 1724GM boxes: two supports are screwed to the cover, and the DIN rail is then screwed onto the supports.

Attachment of rail to base:

- 178M and 178P boxes: by pressing the rail gently into two grooved housings. These boxes are supplied with the rail assembled on the base.

- 1712GM and 1724GM boxes: two supports are screwed to the base and the DIN rail is then screwed onto the supports. The DIN rail can be placed at two different heights, offering the possibility of fitting elements from 53 mm to 70 mm for the first position and 92 mm for the second one. The boxes are supplied with the bag of accessories required for installation.



Base

- It has four completely flat walls, permitting the installation of small elements such as pilot lights, pushbuttons, etc.
- The side walls have vertical ribs on the inside that provide rigidity to protect against possible deformation.
- The top and bottom sides are also flat, with three pre-marked points that can be used as a reference for inserting the trunking pipe.
- The bottom of the base is fitted with supports for attaching neutral and earth bars, as well as the housings for attaching the DIN rail.
- The base has raised lines with different housings for fixing mounting plates, rails, bars, etc.

Wall-mounting

- 178P and 178M boxes are secured to the wall by means of screws placed in the locking screw housings on the enclosure.
- 1712GM and 1724GM boxes are mounted directly from the housings located on the base for this purpose. These housings are covered with watertight caps (supplied in the accessories bag) to maintain the degree of protection and dielectric strength.

Frame

- The frame is used for placing the power sockets. It has a vertical blank area and another one with an inclined plane to facilitate base installation and to prevent cable bundles from crossing.
- The frame perimeter has a sealing gasket to guarantee protection from dust and water.
- The inside of the frame has reinforcement ribs to guarantee the part's rigidity.
- The frame-base assembly is closed by means of 11×23 plastic pan-head and flat-tip screws (supplied in the accessory bag).
- The boxes can be sealed at two points.



Window

- Transparent tinted windows with UV protection.
- The window presses against the sealing gasket to guarantee the assembly's IP protection.
- The window opens vertically and is closed by means of two threaded screws.
- Possibility of support with padlock supplied as an accessory (Ref. 77670).

Frame-base hinge system

- This series has a frame-base hinge system that enhances manoeuvrability between both parts, guaranteeing an opening of 180°.
- The hinges' high resistance means that when the base is secured to the wall, the frame can be left hanging even if it has been totally installed with sockets or with equipment.
- The unit is assembled and disassembled by gently pressing on the ends of the part, which is symmetrical and reversible.

IP67 wall-mounted enclosures for power sockets

Reference No.	No. of modules	Dimensions	Power dissipation according to temperature increase °C P(W)*					RATE PER / NO
			20	25	30	35	40	
178P	1x9 DIN rail	284x222x122	13.2	16.5	19.8	23.1	26.4	6000
178M	1x9 DIN rail	369x222x130	16.9	21.1	25.4	29.6	33.8	6500
1712GM	1x13 DIN rail	504x297x177	31.1	38.8	46.6	54.4	62.1	9000
1724GM	2x13 (26) DIN rail	504x297x177	31.1	38.8	46.6	54.4	62.1	11000

HALOGEN-FREE PLASTIC MATERIALS, WITH UV PROTECTION

Frame and base in ABS RAL 7035 grey.

PC transparent window, tinted.

IP67 - Surface.

* Calculations obtained according to the CEI 890:1997 standard (including Corrigendum 1998). Method of temperature-rise assessment by extrapolation for partially type-tested assemblies (PTTA) of low-voltage switchgear and control gear.

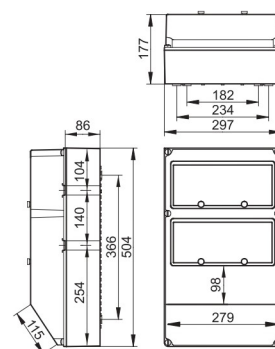
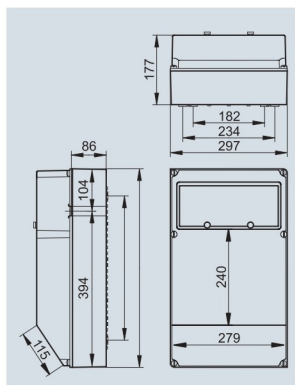
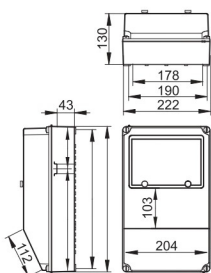
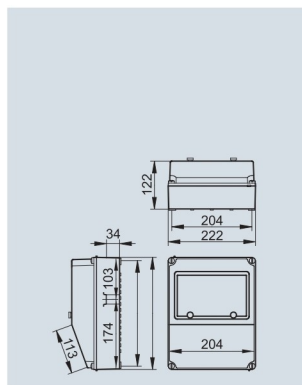


**1x9 modules
178P**

**1x9 modules
178M**

**1x13 modules
1712GM**

**2x13 (26) modules
1724GM**



IP67 wall-mounted enclosures for power sockets. With neutral and earth bars

Reference No.	No. of modules	Dimensions	Power dissipation according to temperature increase °C P(W)*					RATE PER / NO
			20	25	30	35	40	
178P/RR	1x9 DIN rail	284x222x122	13.2	16.5	19.8	23.1	26.4	6500
178M/RR	1x9 DIN rail	369x222x130	16.9	21.1	25.4	29.6	33.8	7000
1712GM/RR	1x13 DIN rail	504x297x177	31.1	38.8	46.6	54.4	62.1	9500
1724GM/RR	2x13 (26) DIN rail	504x297x177	31.1	38.8	46.6	54.4	62.1	11500

HALOGEN-FREE PLASTIC MATERIALS, WITH UV PROTECTION

Frame and base in ABS RAL 7035 grey.

PC transparent window, tinted.

IP67 - Surface.

/RR: With neutral and earth bars.

* Calculations obtained according to the CEI 890:1997 standard (including Corrigendum 1998). Method of temperature-rise assessment by extrapolation for partially type-tested assemblies (PTTA) of low-voltage switchgear and control gear.

They are intended for places requiring power points for fixed machinery, portable tools or auxiliary electrical equipment

PRYMA COMPLET

IP67 boxes for industrial sockets

Special assemblies



Plain boxes.



Boxes with assembled and wired power sockets.



Boxes with assembled and wired power sockets and protections.

How to proceed



1. SELECT THE BOX.



2. CHOOSE THE POWER SOCKETS.



3. INDICATE THE REQUIRED PROTECTION.



4. SUBMIT ALL THE INFORMATION TO OUR TECHNICAL DEPARTMENT.

You can request a quotation and technical assessment at export@ide.es

Special assemblies with power sockets can be supplied in any combination, assembled and wired, with no minimum order quantity

Proposal of sockets for Pryma Complet boxes

IP67 SCHUKO-TYPE FLUSH-FIT SOCKETS



	Poles	I	Voltage
00105	2P+E	16A	250 V

IP67 FLUSH-FIT SOCKETS



	Poles	I	Voltage
02801	2P+E	16 A	200/250 V
03802	3P+E	16 A	380/415 V
03803	3P+N+E	16 A	200/415 V
02804	2P+E	32 A	200/250 V
03805	3P+E	32 A	380/415 V
03806	3P+N+E	32 A	200/415 V

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