PRYMA

IP67 Boxes for power 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.

Technical characteristics

Degree of protection: IP67.
Resistance to impact: IK08.
Ball pressure test: 70 °C.
Maximum operating voltage: 1000 V AC / 1500 V DC.
Maximum permissible current: 63 A.
Ambient temperature range: -25 °C / +60 °C.
Maximum materials temperature: +80 °C.
Glow-wire resistance: 650 °C.
Electrical insulation class: Class II.

Compliance and certifications

IP 67

CE

Directive
Low Voltage Directive 2014/35/EU.

Standards
EN IEC 62208 - Empty enclosures for low-voltage switchgear and controlgear assemblies - General requirements.
EN IEC 61439-1 - Low-voltage switchgear and controlgear assemblies - Part 1: General rules (as applicable).

PRYMA

IP67 Boxes for power sockets



MODULAR CAPACITY:
9 to 26 modules.

ABS
Halogen-free plastic materials with UV protection

IP67 PROTECTION
Maximum protection against dust and powerful water splashes.

INDUSTRIAL APPLICATION
Designed to provide power supply points for machinery, portable tools and auxiliary equipment.

MATERIAL

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

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.

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:

- 11x23 plastic screws.
- Grey module cover (6 modules).
- Module identification strips.
- Hermetic caps (only for ref. No. 1712GM and 1724GM).

MATERIAL

- ABS.
- Transparent window in PC.

FINISH

- Grey RAL 7035.
- Transparent tinted window with UV protection.

IP 67 CE



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.





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.





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.





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 accessory bag) to maintain the degree of protection and dielectric strength.





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. 22670).

PRYMA

IP67 Boxes for power sockets



Degree of protection: IP67.
Type of installation: Surface.
Material: Frame and base in ABS.
Transparent window in tinted PC.
Colour: Grey RAL 7035.
Halogen-free plastic materials, with UV protection.

IP67 boxes for power sockets

Reference	No. of modules	Dimensions			MOQ
		HEIGHT	WIDTH	DEPTH	
178P	1x9 DIN rail	284	222	122	**5 units**
178M	1x9 DIN rail	369	222	130	**5 units**
1712GM	1x13 DIN rail	504	297	177	**2 units**
1724GM	2x13 (26) DIN rail	504	297	177	**2 units**

IP67 boxes for power sockets. With neutral and earth bars

Reference	No. of modules	Dimensions			MOQ
		HEIGHT	WIDTH	DEPTH	
178P/RR	1x9 DIN rail	284	222	122	**5 units**
178M/RR	1x9 DIN rail	369	222	130	**5 units**
1712GM/RR	1x13 DIN rail	504	297	177	**2 units**
1724GM/RR	2x13 (26) DIN rail	504	297	177	**2 units**

/RR: With neutral and earth bars.

Intended for locations requiring electrical supply points for fixed machinery, portable tools or auxiliary electrical equipment.

IP 67 CE

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



Ref.	Poles	Current	Voltage
00105	2P+E	16 A	250 V

IP67 FLUSH-FIT SOCKETS



Ref.	Poles	Current	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

IDE ELECTRIC, S.L.

Head Office
Leonardo da Vinci 2
Pol. Ind. Los Huertos
E-50800 Zuera
Zaragoza (Spain)

Warehouse and logistics
Guttemberg 48
Pol. Ind. Los Huertos
E-50800 Zuera
Zaragoza (Spain)

Phone: +34 976 451 080
E-mail: ide@ide.es
Web: www.ideelectric.com