



JUNCTION BOXES

Polypak



IP44-IK08

Class 2

Patented components



Simple and compact lamppost junction box, shorter than Minipak and as wide as Interpak, for posts with a min. inner diameter of 110 mm.

The Polypak can accept up to 2 x 35 mm² network cables or 3 x 25 mm² network cables and 4 lighting fixture cables.

Integration of additional devices such as ADD protection, night switch, remote management, etc.

Open sides and stiffened back to facilitate connection.

Transparent cover secured by 2 captive screws.

Protective cone to facilitate the frontal insertion of power cables.

ADVANTAGES

Terminal block support can be extracted tool-free for easy connection and quick maintenance on site.

Transparent window for viewing the protective devices.

Tool-free mounting by brackets adjustable over 120 mm, or with M6 screw.

TECHNICAL CHARACTERISTICS

Max. capacity

- Up to 2 x 5G25 mm² or 4 x 35 mm² network cables.
- Up to 3 x 5G16 mm² or 4 x 25 mm² network cables.
- Up to 4 x 3G2.5 mm² rigid lighting fixture cables.

Casing

- Polycarbonate, self-extinguishing.
- IP44 in accordance with IEC 60529 (open junction box: IP2X).
- IK08 in accordance with EN 62262.
- Class 2 (can also be supplied with insulated earth terminal).
- 40°C to +130°C.

Product standards

- EN 61439-2.

Installation standards

- NF C17-200 and associated guides.

Standard colour:



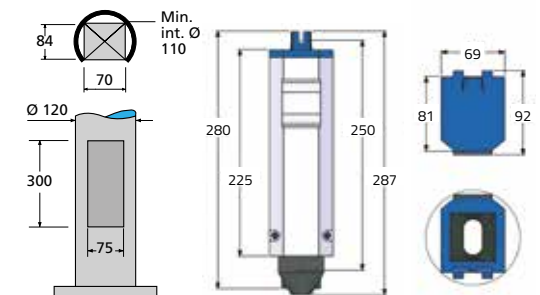
- Please contact us for other colours.

Optional:

- Fastening with M6 screws.
- Terminal block: marking of the terminals to facilitate maintenance.

Delivery:

- Pre-wired with high-temperature silicone-coated wires and crimped lugs.
- Supplied with cartridge fuses, configuration labels and cable clamp.



LIGHTING FIXTURE OUTPUT CABLES

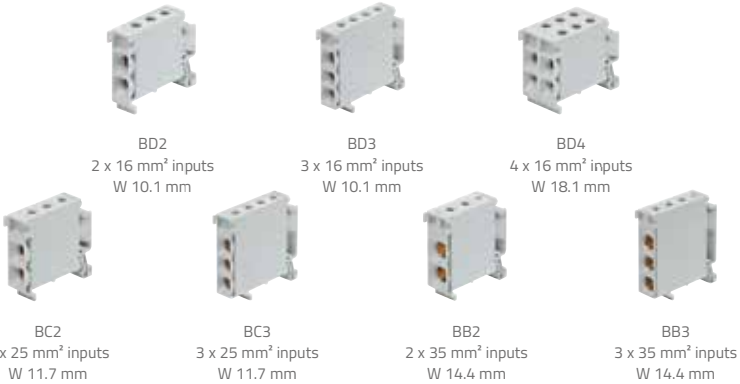
Via the bottom (standard) or top (optional if more than one cable).



Main configurations

	Standard	Options	
		TET	Cable glands
Via the BOTTOM	2 cables (7 to 10 mm)	-	-
Via the TOP	1 cable (7 to 10 mm - TET 7/10)	4 cables (7 to 10 mm - 4 x TET 7/10)	4 cables (6 to 12 mm - 4 x M20)
		4 cables (10 to 14 mm - 4 x TET 10/14)	1 cable (9 to 17 mm - 1 x M25)

CONNECTION - Integrated terminals



Main max. configurations

	≤ 16 mm ²	≤ 25 mm ²	≤ 35 mm ²
2 network cables	5 BD2 terminals max.	5 BC2 terminals max.	4 BB2 terminals max.
3 network cables	5 BD3 terminals max.	5 BC3 terminals max.*	4 BB3 terminals max.

Usable width of the connection zone: 60 mm.



PROTECTIONS & DEVICES - Max. volume available (mm): W 60 x D 65/78 x H 86



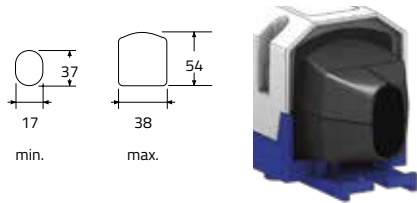
FP, FN, FPN, F2P W 18/36 mm | DPN, D2P W 18/36 mm | ID W 36 mm | DDR W 36 mm | PFM, PFG W 18 mm | IDIL-10 W 28 mm | ST2 W 28 mm

Max. recommended combinations

		∅	ID W 36 mm	PFM W 18 mm	IDIL W 28 mm	ST2 W 28 mm
FP or FN	W 18 mm	1FP + 1FN	-	1FP + 1FN + 1PFM	-	-
FPN	W 18 mm	3FPN	1FPN + 1ID	1FPN + 1PFM	1FPN + 1IDIL	1FPN + 1ST2
F2P	W 36 mm	1F2P	-	-	-	-
DPN	W 18 mm	2DPN	1DPN + 1ID	1DPN + 1PFM	1DPN + 1IDIL	1DPN + 1ST2
D2P	W 36 mm	1D2P	-	-	-	-
DDR	W 36 mm	1DDR	-	1DDR + 1PFM	-	-

Usable width of the protection zone: 60 mm.

NETWORK CABLES



Main max. configurations

	4x 16 mm ²	5G 16 mm ²	4x 25 mm ²	5G 25 mm ²	4x 35 mm ²	5G 35 mm ²
2 cables	●	●	●	●	●	-
3 cables	●	●	●	●	-	-

* Limit configurations: tight wiring.