

Junction Boxes

for EMK & EKL light Non-Ex



Polyester enclosures have proven their worth in many industrial plants. They offer safe protection even when they are used under extremely unfavorable conditions, on exposure to aggressive chemical media or hard mechanical conditions.

The inside base of the enclosure has at its sides, threaded bushings for the fastening of mounting rails or panels. The enclosure is mounted by means of insulated screws outside of the lid seal.

- Temperature-resistant
- Flame-retardant
- Absolutely corrosion-proof
- Seawater-proof

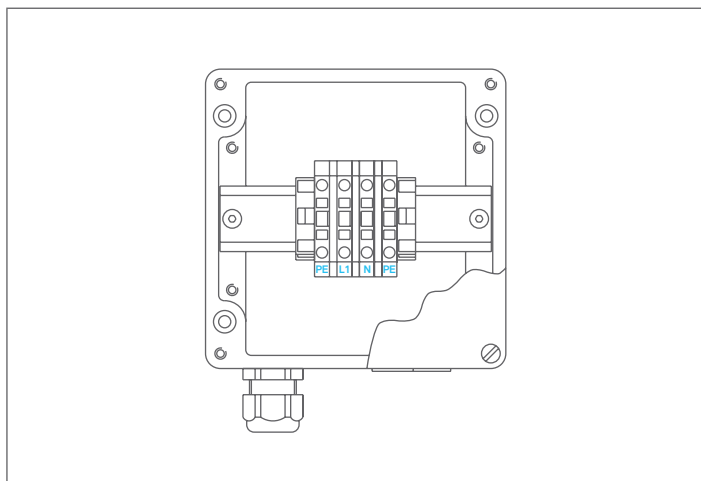
Technical data

Material	glass-fiber reinforced polyester, EN 50014 surface resistance $>10^{12} \Omega$
Colour	RAL 7000/RAL 7001, grey
Mechanical resistance	impact energy 7 Nm
Protection class according to EN 60529/IEC 60529	IP 66/IP 67
Supply voltage	550 V
Ambient temperature range	-55 °C to +70 °C
Lid screws	Stainless steel cross slot (+ -)

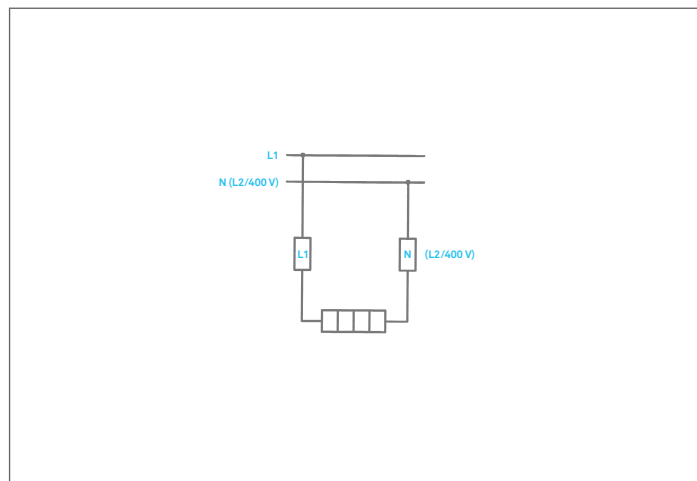
Ordering information

Short form title	PBS-400-N	PBM-40S-N	PBM-40D-N
Enclosure sizes (mm)	160 x 160 x 90	160 x 160 x 90	260 x 160 x 90
Qty/ Terminal sizes	2/6 mm ²	6/6 mm ²	7/6 mm ²
Terminal identification	L, N	L1; L2, L3; 3x N	2 x L1; 2 x L2; 2 x L3
Qty/Earth terminals	2/6 mm ²	4/6 mm ²	6/6 mm ²
Glands per enclosure	1 x M25 2 x threaded M20	1 x M25 4 x threaded M20	1 x M25 6 x threaded M20
Cable diameter	Ø 9 to 17 mm	Ø 9 to 17 mm	Ø 9 to 17 mm
Order no.	D7-3T77-1609/F001	D7-3T77-1609/F002	D7-3T77-2609/F001

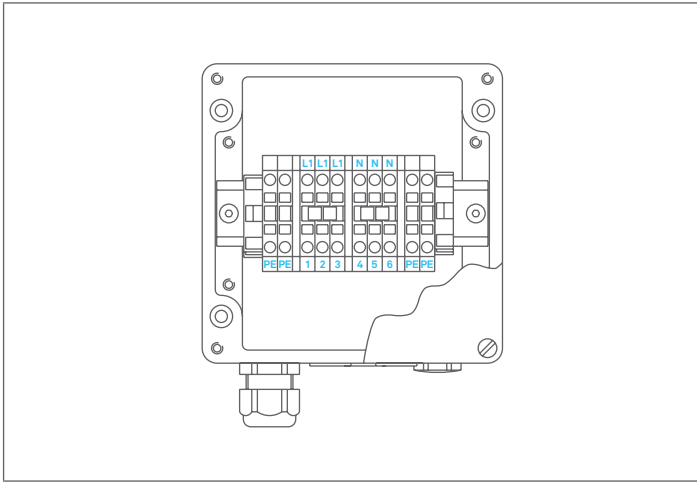
Junction box PBS-400-N



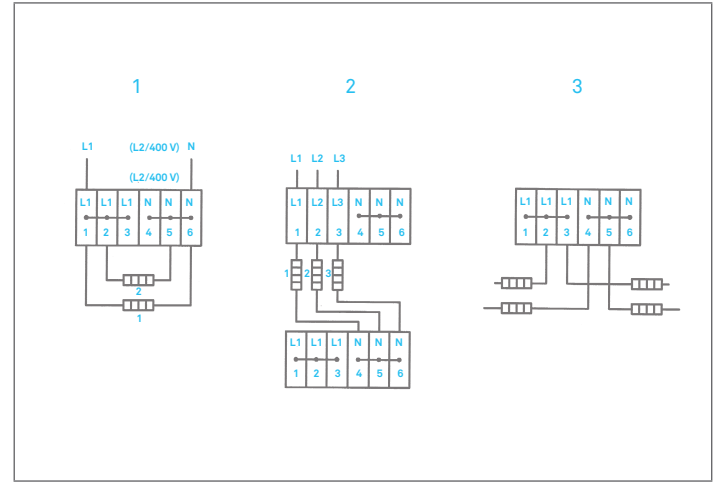
Connection diagramm for junction box PBS-400-N



Junction box PBM-40S-N

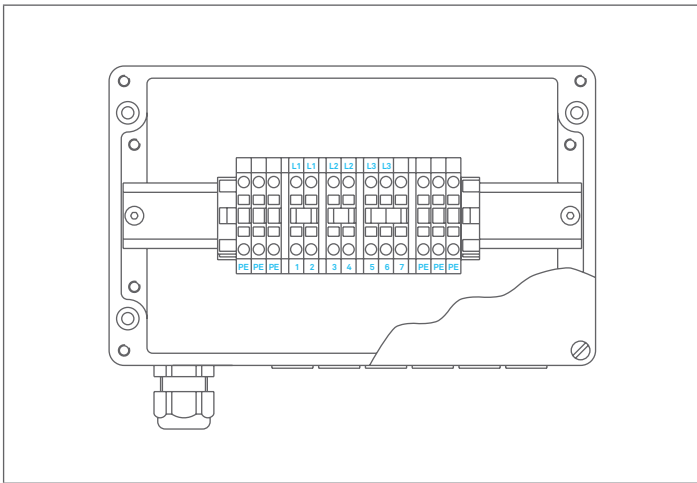


Connection diagramm for junction box PBM-40S-N

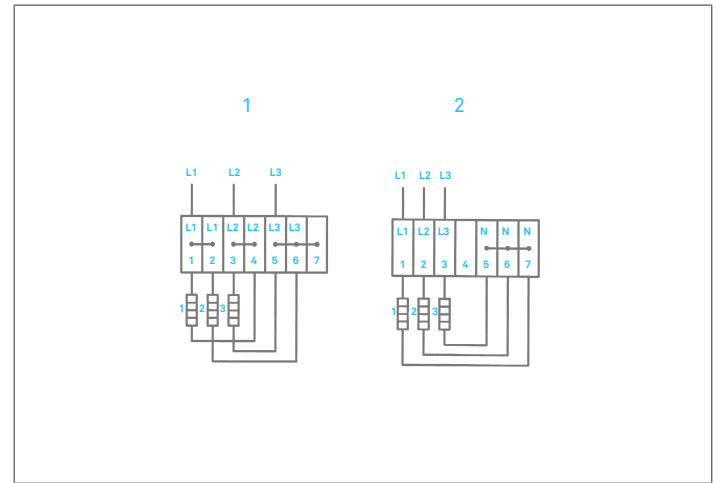


- 1 Double junction box
- 2 Star connection
- 3 Intermediate junction box

Junction box PBM-40D-N



Connection diagramm for junction box PBM-40D-NN



- 1 Delta connection
- 2 Star connection

REMARK:
Due to the development of the national and international specifications and of the technology, the above technical characteristics showed on this bulletin can be considered as binding on our confirmation only.