



DISTRIBUTION CABINET MOUNTING PLATES

BPE16-95
BPE35-240
BPE160A
BPE2X160A

GENERAL INFORMATION

- Check that the kit is suitable for the cable type.
- Check the materials listed in the bill of materials for completeness.
- Read the installation instructions carefully before starting the installation.
- Install carefully and make sure the materials are clean during the installation.
- Clean the working place after the installation.

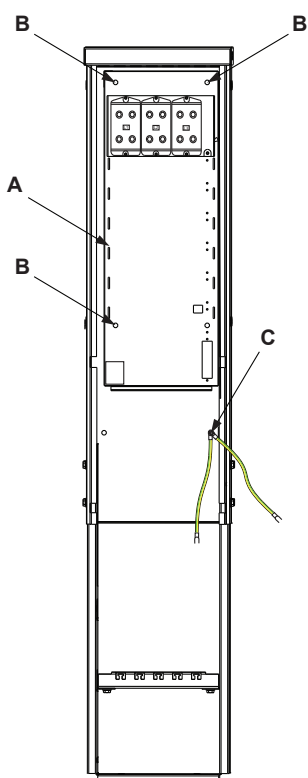
LEGAL NOTICE

- The product must be installed only by a competent person with sufficient training in installation practices and with sufficient knowledge of good safety and installation practices in respect of electrical equipment. If local legislation contains provisions in respect of such training or sufficient knowledge in respect of installation of electrical equipment such provisions shall be fulfilled by the said person.
- Ensto accepts no liability concerning claims resulting from misuse, incorrect installation or ignored national safety regulations or other national provisions.
- WARNING: Failure to follow the installation instructions may result in damage to the product and serious or fatal injury.

IMPORTANT NOTICE:

BPE16-95 and BPE35-240 can be used in max. 1 kV networks.

BPE160A and BPE2X160A can be used in max. 0.4 kV networks.

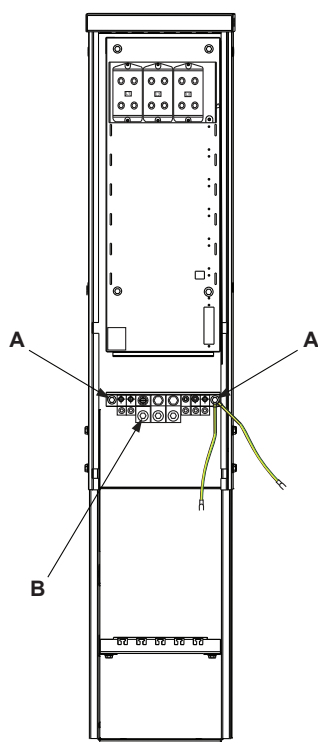


1. Install backplate:

A. Check hole positions. Align backplate with screw mounts.

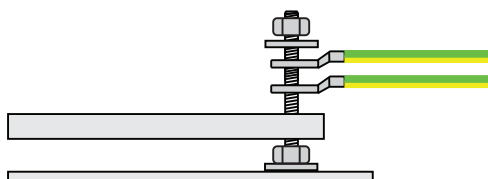
B. Screw backplate onto cabinet mounting screws with the M8 washers and nuts found in the plastic bag provided with the product.

C. Remove front panel earthing conductors temporarily. The nuts are used to mount the PEN-rail in point 2 A.

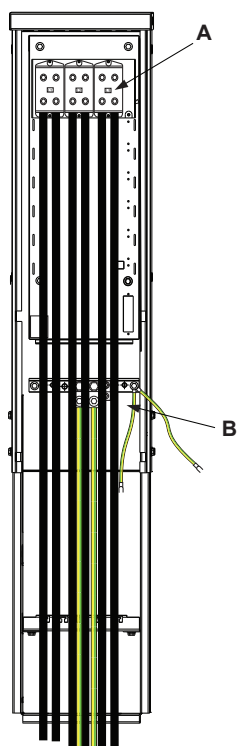


2. Install PEN rail:

A. Screw PEN-rail onto cabinet mounting screws, use the extra nuts and washers from the plastic bag provided with the product. Attach the front panel earthing conductors under the PEN-rail fastening nut:



B. Install additional connectors.



3. Install main conductors (see table 1.):

A. Install main PEN-conductors.

B. Make sure that the main conductor phases are installed in the correct order.

Note! BPE16-95 and BPE35-240 installation is now ready.

Table 1. Cable peeling lengths and connector tightening torques

Type	GTIN	Conductor size mm ²	Peeling length mm	Tightening torque Nm (mm ²)
KE52.2	6418677192449	Al/Cu 16-95	23	14 Nm (16-95 mm ²)
KE54.2	6418677192463	Al/Cu 35-240	40	12 Nm (35-70 mm ²), 40 Nm (95-240 mm ²)
KE66	6418677191947	Cu 2.5-50 Al 6-50	23	4 Nm (2.5-4 mm ²), 12 Nm (6-50 mm ²)
KE67	6418677191978	Al/Cu 16-95	27	20 Nm (16-95 mm ²)
KE69	6418677192036	Al/Cu 35-240	43	12 Nm (35-70mm ²), 45 Nm (95-240mm ²)

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