

“2M countertop and floor box mini” IP44 - countertop and floor box for mounting power sockets of 45mm standard (2M) in countertops and technical floors; code: EM/FLB-SDF1ZNA

Description and Technical Characteristics of the Product:

Countertop-floor box with frame for installation of fixtures in 45x45 standard (electrical, ICT sockets, etc.). It is possible to use the box in technical floors or in countertops or tables. The capacity of the box is 2 modules 22.5x45mm (1 module 45x45mm). Top cover made of metal and opening 180 degrees. It has an increased ingress protection class IP44. The box has knockouts for punching holes for cable entry. The countertop and floor box makes it possible to prepare an aesthetically pleasing telecom subscriber point along with the electrical network.



Note:

The IP44 ingress protection class applies to the box with the closed cover, with a properly installed mounting box and when using the frame on a smooth surface, ensuring proper adhesion of the gasket located on the underside of the frame.

Markings:

“2M countertop and floor box mini” IP44 - countertop and floor box for mounting power sockets of 45 mm standard (2M) in countertops and technical floors; code: **EM/FLB-SDF1ZNA**

Products compatible with the box:

sockets:

Grounded 230V socket screw-less single std 45x45, with lock and release, red; code: E/BGNBZ

Grounded 230V socket screw-less single std 45x45, white; E/BGN

Modular socket 230V grounded single std 45x45, white; E/GM

Modular socket 230V grounded single std 45x45, with lock and release, red; E/GMBZ

adapters:

45x45 1xRJ45, RJ12 adapter white; code: FU/FA-644-9MP

45x45 1xRJ45,12, adapter white; code: FU/FA-644-8MP

Single-module cap 22.5x45mm; code: DC/FA-644-3MP*

Two-module straight 45x45mm adapter for 1xRJ45 or 1xRJ12, code: DC/FA-644-2SP*

Single-module straight 22.5x45mm adapter for 1xRJ45 or 1xRJ12, code: DC/FA-644-1SP*

UTP RJ 45 socket Cat. 5e with adapter, 1-module, white, low; code: DCN/TS-868K-8-C5E*

UTP RJ 45 socket Cat. 6 with adapter, 1-module, white, low; code: DCN/TS-868K-8-C6*

***In order to install the product, it may be necessary to remove the colour frame included with the adapter/socket.**

Note:

If the sockets in the adapters extend beyond the face of the adapter and angle adapters, they are incompatible. Due to the different depth of the sockets and the different ways of routing and connecting the cables, some sockets in the adapters may not be compatible. Due to the possibility of different component combinations, it is recommended to check this or contact the technical department before installation.

Installation method:

in the countertop: cut a hole in the countertop; punch holes in the box using a drift punch with a hammer to insert the wires; insert the wires with sufficient length for connection; place the box in the countertop and lock it in place using the brackets with screws provided with the box; screw the box with the frame to the box placed in the countertop using the existing holes in the cover.

in technical floor: cut a hole in the floor; punch holes in the box using a drift punch with a hammer to insert the wires, insert the wires with sufficient length for connection; embed the box in the floor; lock the box using the brackets with screws provided with the box; screw the box with the frame to the box placed in the floor using the existing holes in the cover.

Technical parameters:

Mechanical:

Frame:

Colour: silver

Finish: metal

Dimensions (L x W): 87x87mm

Weight: 0.15kg

Mounting box:

Colour: grey

Finish: plastic

Dimensions (L x W x D): 80x80x50mm

Weight: 0.1kg

Additional technical parameters:

Temperature range during installation: -5°C to +60°C,

Note:

The product is designed for installation in places, in which its functionality and application will be used. For this reason, do not design the installation of a countertop-floor box in walkways and areas, in which it will be a hindrance or obstacle to people moving around.

Depending on the type and number of cables and connection wires plugged into the box-mounted sockets, the cover may or may not fully close. Appropriate functionality, resulting from the product features, should be envisioned by the designer at the design stage.

Standards:

PN-EN 60670-1, PN-EN 60670-23

We have made every effort to ensure that the information presented is accurate and complete. However, we are not responsible for the accuracy and completeness of the data and, in particular, we cannot guarantee that this specification does not contain errors or mistakes. The information contained in this specification may be changed at any time without notice.