"12M floor box" - floor box for mounting sockets of 22.5x45mm standard (45x45mm), capacity 2x6M=12M, cover for deep filling, installation in hard floors (concrete); code: EM/FLB-SPF200S

Description and Technical Characteristics of the Product:

Floor box for the installation of fixtures in the 45x45 standard (electrical sockets, ICT sockets, etc.). Designed for use in hard floors in a drilled hole or in poured concrete. The capacity of the box is 12 modules 22.5x45mm (6 module 45x45mm). Cover for deep filling such as stoneware, HDF board up to 20mm thick. The box has side knockouts for punching holes for cable entry and smooth depth adjustment with screws. The cover has a hinged exit for cables attached to the sockets. The direction of cover opening can be changed in this box. The product makes it possible to prepare an aesthetically pleasing subscriber connection point along with the electrical network.

Markings:

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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 **(before assembling the sockets, they must be joined with a mounting kit)**
Modular socket 230V grounded single std 45x45, with lock and release, red; E/GMBZ **(before assembling the sockets, they must be joined with a mounting kit)**
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

Power supply 45x45 2xUSB 4.2A/5V USB-A/USB-C socket; code: EM/ZXJYUSB17EAC **(it is not possible to mount 3 power supplies side by side)**

Note:
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 concrete:
drill a hole in the floor, punch holes in the box using a drift punch with a hammer to insert the wires, use a diaphragm or gland in the punched holes, place the box in the required location on the floor, fixing it to the floor with screws, if necessary, level it, insert the wires into the box in the pipe (if no diaphragm or gland is used) through the previously punched holes
in poured concrete:
punch holes in the box using a drift punch with a hammer to insert the wires,   use a diaphragm or gland in the punched holes, place the box in the required place on the floor (if necessary, drill a deeper hole), fixing it to the floor with screws, if necessary, level it, if necessary, seal the pre-drilled openings with tape or stretch film; after pouring the concrete, insert the wires into the box in the pipe (if no diaphragm or gland is used) through the previously punched holes

Technical parameters:
Mechanical:
Box with frame:
Colour: silver
Finish: metal
Dimensions (L x W): 200x200mm; D adjustable 98-115mm
Weight: 2.7kg

Additional technical parameters:
Temperature range during installation: -5°C to +60°C,
Maximum temperature during construction work: +90°C

Note:
The product designed for floors for dry floor treatments. 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 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