Adjustable floor box with 12 elements for installation in Simon K45 grey concrete floor

REF. **KF1270/1**



BASIC INFORMATION

DESCRIPTION

This adjustable floor box is part of the Simon K45 range, and is specially designed to be installed recessed in a concrete floor, although it may also be used in a raised floor. The box is capable of providing power to a total of 12 elements. It is made of 12 empty elements and has dimensions of 225 x 310 millimetres, and is 76 millimetres deep. It comes in an attractive grey colour. To perform a complete installation, the product should be combined with a Simon plastic tray (Art. No. 52052106-035) once it is configured. In case the box is installed in a floor with a different finish, you also have the option to pair it with a flush-mount trim cover (Art. No. 52053106-035). The box is manufactured from high-quality materials, which consist of self-extinguishing and halogen-free thermoplastic insulation. This makes the product highly resistant and also considerably increases their safety, since they are capable of preventing flame propagation in case of fire and of reducing the toxicity of smoke.

FINISH

Grey

MATERIAL

Various

COMPATIBILITY

With Simon K45 mechanisms (no adaptor required)

PACKAGING CONTENTS

Floor box, metal partition wall, ground connection cable, screws and installation manual

ETIM CLASS

EC000024

REMARKS

To complete the installation of the product it must be combined with a plastic tray (Art. No. 52052106-035) once configured. Alternatively, it may be combined with flush-mount trim cover (Art. No. 52053106-035) in cases where the same floor finish is not installed.

TECHNICAL INFORMATION

AVAILABLE MARKET
CE

PROTECTION AGAINST ENTRY OF DUST AND SMALL OBJECTS
Yes, thanks to the inclusion of protective foam in the wire outlet

AVAILABLE IN
2, 4, 6, 8 and 12 elements

NUMBER OF CLAMP-HOLDER HOLES
16

DIELECTRIC STRENGTH
No holes or contours, with 2000V at 50 Hz for 1 minute

MAX TEMP DURING CONSTRUCTION WORK (°C)
+90° C

ELECTROMAGNETIC IMMUNITY FOR VDM WIRING
Secured by installing the metal partition wall supplied with the box into the housings fitted for this purpose.

HEAT RESISTANCE (°C)
+125 °C (in accordance with standard IEC 60695-10-2)

IK CLASSIFICATION
08

INSULATION RESISTANCE (V-MΩ)
>5 MΩ a 500 V

IP RATING
IP4X

KIT AVAILABILITY
No

MAINTENANCE
Clean with a soft, dry cloth. Do not use abrasive cloths or cleaning products that contain chlorine.

MAXIMUM LOAD (KG)
1800kg

TEMPERATURE RANGE DURING INSTALLATION (°C)
-5 a +60° C

NUMBER OF MODULES
12 modules

RAL
7011

RECESS DIMENSION (MM)
210 x 300 mm

NUMBER OF SIDE ENTRANCES
16

VERSION
12 elements

INSTALLATION AND MAINTENANCE

CLAW RANGE OF OPERATION (MM)
Between 14 and 54 mm

REMOVAL OF COMPONENTS
Only with tool

NUMBER OF COVER OPENING POSITIONS
2

REMOVAL OF COVER
Only with tool

EXTINGUISHING (ºC)
+850 ºC / 30 seconds (GWFI in accordance with standard IEC 60695-2-11)

TYPE OF FASTENING
Using the floor box's fastening claws in the concrete floor tray (supplied with the floor box)

REMOVAL OF THE FRAME
Only with tool

CAN BE INSTALLED IN TRAY
Plástica y metálica

INSTALLATION DIRECTION
Horizontal

INSTALLATION TYPE
Especially designed to be installed in concrete floors, although it is also suitable for installation in raised floors

REGULATIONS

REGULATIONS
2006/95/CE Directive + UNE-EN 60,670

LOGISTICS INFORMATION

UNITARY EAN CODE
8421053125458

UNITARY PACKAGING HEIGHT
0

UNITARY PACKAGING WIDTH
0

UNITARY PACKAGING LENGTH
0

UNITARY PACKAGING VOLUME
0

UNITARY PACKAGING GROSS WEIGHT
2.2

PRODUCT NET WEIGHT
2.2

UNITARY PACKAGING WEIGHT UNIT
KGM

PACKAGING EAN
8421053125458

UNITS CONTAINED PACKAGING
1

PACKAGING HEIGHT
79

PACKAGING WIDTH
236

PACKAGING LENGTH
342

PACKAGING MEASUREMENT UNIT
MMT

PACKAGING VOLUME
7483280

PACKAGING VOLUME UNIT
MMQ

PACKAGING GROSS WEIGHT
2.2

PACKAGING NET WEIGHT
2.2

PACKAGING WEIGHT UNIT
KGM