# Aluminium bracket Ofiblock Plus for 5 elements black Simon K45

REF. **KFP105/14**



# BASIC INFORMATION

## DESCRIPTION

The series Simon K45 has the elements necessary for flush-mounted into raised floor, walls, furniture, among others. This is the Ofiblock Plus aluminium profile of five elements and five modules of the series Simon K45 measures 69 x 310 millimetres and a depth of 74 millimetres. The profile includes a blind plate for the internal distribution of cables easier. Thanks to its materials of the highest quality, it can withstand temperatures very high, up to + 60 degrees centigrade. These components, they bet for the anodised aluminium, with frame and side covers in self-extinguishing halogen-free thermoplastic. The most important characteristic of these materials is that enhance the security, because they do not propagate fires, and in the event of smoke the toxicity is minimum. This profile can be purchased in several versions, specifically between 1 and 8 elements maximum. It has a depth more, which allows a comfortable cable routing internal, improving the bending radius of voice, data and multimedia connections. It can be installed both in the wall, furniture, raised floor, surface-mounted metal with magnet, or on a DIN rail.

## FINISH

Black

## MATERIAL

Metal

## COMPATIBILITY

Simon K45 range functions and possible to combine with the Simon Electrical Wiring range.

## PACKAGING CONTENTS

Ofiblock Plus aluminium bracket, centre frames, metal separator, 2 ground connections, 2 blind plates, caps, screws and installation manual.

## ETIM CLASS

EC002759

## REMARKS

Profile with greater depth for easier distribution of wiring inside the bracket and an improved radius of curvature of voice and data and multimedia wiring.

# TECHNICAL INFORMATION

## AVAILABLE MARKET
CE

## AVAILABLE IN
Available in 1, 2, 3, 4, 5, 6, 7 and 8 elements

## NUMBER OF CLAMP-HOLDER HOLES
4

## MAX TEMP DURING CONSTRUCTION WORK (°C)
+60° C

## ELECTROMAGNETIC IMMUNITY FOR VDM WIRING
Ensured by the fixing of the metal separator in the rail enabled in the bracket for this purpose.

## HEAT RESISTANCE (°C)
+125°C (according to standard IEC 60670)

## INSULATION RESISTANCE (V-MΩ)
>5 MOhm at 500 V

## IP RATING
IP4X

## KIT AVAILABILITY
No

## LINKABLE
No

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

## TEMPERATURE RANGE DURING INSTALLATION (°C)
-5 to 60° C

## NUMBER OF MODULES
5 modules

## RAL
7021

## NUMBER OF SIDE ENTRANCES
Up to 6 wires on each side of the bracket using plate K20/14. The bracket is supplied with modular sides for access to different types and quantities of wires.

## SPACE FOR CABLING DISTRIBUTION
The bracket is supplied with 1 blind plate for easier internal wiring distribution.

## VERSION
5 elements

## INSTALLATION AND MAINTENANCE

### CABLING ACCESS

Through the housings located at the sides of the profile.. Entry for corrugated tube or cable gland, fast-connection connectors, electrical wiring leads, voice, data and multimedia cabling through specific plates.. 4 cables through each side of the frames supplied with the profile (the indicator frames on the trim frames need to be mechanised)

### NUMBER OF CHANNEL ENTRIES

2

### REMOVAL OF COMPONENTS

Only with tool

### EXTINGUISHING (°C)

+850 °C (according to standard IEC 60670)

### TYPE OF FASTENING

By fastening the selected support and subsequent linking through the rear DIN rail in the bracket (excluding the possibility of fastening directly with the screws supplied with the bracket)

### INSTALLATION DIRECTION

Horizontal, Vertical

### INSTALLATION TYPE

Suitable for installation on walls, furniture, raised floors, metal surfaces with a magnet or DIN rails.

### REMOVAL OF THE PLATE

Only with tool

### SCREWS REQUIRED FOR SLAB FIXING

Minimum 2 (1 per side, diagonally). It is recommended to fix the profile with 4 screws for total fixation

### SECURING POSSIBILITIES

Its design allows it to be surface-mounted on the wall, on table-top furniture, under a desk, on a raised floor, a metal surface with magnet, or on a DIN rail using specific fastening accessories.

### MOUNTING WITHOUT ACCESSORIES

The profile includes holes on the sides (frames) for attachment without needing accessories.

## REGULATIONS

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Directive 2014/35/UE LVD + EN 60670-1:2005

## LOGISTICS INFORMATION

UNITARY EAN CODE
8421053188408

UNITARY PACKAGING HEIGHT
0

UNITARY PACKAGING WIDTH
0

UNITARY PACKAGING LENGTH
0

UNITARY PACKAGING VOLUME
1976688

UNITARY PACKAGING VOLUME UNIT
MMQ

UNITARY PACKAGING GROSS WEIGHT
0.52

PRODUCT NET WEIGHT
0.52

UNITARY PACKAGING WEIGHT UNIT
KGM

PACKAGING EAN
8421053188408

UNITS CONTAINED PACKAGING
1

PACKAGING HEIGHT
318

PACKAGING WIDTH
74

PACKAGING LENGTH
84

PACKAGING MEASUREMENT UNIT
MMT

PACKAGING VOLUME
1976688

PACKAGING VOLUME UNIT
MMQ

PACKAGING GROSS WEIGHT
0.52

PACKAGING NET WEIGHT
0.52

PACKAGING WEIGHT UNIT
KGM