Quick connection connector female with 3 poles with trim plate for 1 element black Simon K45

REF. **K121B/14**



BASIC INFORMATION

DESCRIPTION

Female quick connection connector, 3 poles. It has a trim plate of an element, it also has a stylish finished in black colour grey. This connector is part of the series Simon K45. The installation is correct for the female connector Simon is flush-mounted or on the surface-mounted. Its current is 16 A and the rated voltage of 4 kV. The voltage of the product is of 250V. This connector is compatible with the system Gesis GST18i of Wieland. The dimensions of the connector are 45 x 22.5 millimetres. The product, which includes the trim plate to secure the connector directly to any enclosure from the Simon K45 range or the Simon 500 Cima range, using adapter (ref. 50012088-038). It supports a cable section of 1.5 to 2.5 mm and the stripping of the wire 9 millimetres. It is manufactured with metallic components isolated thermoplastically and halogen-free. This guarantees the no-propagation of the flame in case of fire and the low toxicity. The maximum temperature that can withstand this female connector Simon is 70 degrees centigrade.

FINISH

Black

MATERIAL

Various

COMPATIBILITY

Simon K45 enclosures for installation in the wall, floor, ceiling and furniture and Simon 500 Cima enclosures (need to be combined with the K45 to 500 Cima adaptor ref.50012088-038)

PACKAGING CONTENTS

Female 3-pole quick connection connector and trim plate

ETIM CLASS

EC000018

REMARKS

The article includes a trim plate to secure the connector directly to any enclosure from the Simon K45 range or the Simon 500 Cima range with an adapter (ref. 50012088-038)

TECHNICAL INFORMATION

AVAILABLE MARKET
CE

CABLE SECTION ADMITTED (MM)
1,5 to 2,5 mm

PROTECTION AGAINST DIRECT ACCESS OF CONTACTS
Yes

NUMBER OF CONNECTIONS PER TERMINAL
2 connections per terminal (1 input / 1 output)

CONNECTOR TYPE
Recessed

MAX TEMP DURING CONSTRUCTION WORK (ºC)
+70º C

FORMAT
Compatible with Gesis GST18i Wieland® system

CURRENT (A)
16 A

IP RATING
IP20 (desconectado) / IP40 (conectado)

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

TEMPERATURE RANGE DURING INSTALLATION (ºC)
-5 a 40º C

TYPE OF MECHANISM
Insertion

NOMINAL VOLTAGE (V~)
250 V~

REMOVAL OF PATCH CORD
Only with tool

NUMBER OF POLES
3

POLE TYPE MARKING
Live, neutral and earth

POWER SUPPLY (V~)
4 kV

RAL
7021

STRAIN RELIEF FIXING
Yes, through a tab connecting the male connector to the female connector, preventing accidental disconnection of the patch cord from the two connectors.

VOLTAGE (V~)
250 V~

INSTALLATION AND MAINTENANCE

CABLE STRIPPING NECESSARY (MM)
9

REMOVAL OF CONNECTOR
Only with tool

TYPE OF FASTENING
Fixing by direct snap-fit, no tools needed

INSTALLATION DIRECTION
Vertical according to the direction of the mechanisms

INSTALLATION TYPE
Suitable for surface and flush mounting

TYPE OF TERMINAL CONNECTION - FUNCTION 1
Fast

NUMBER OF TERMINALS
3 inputs / outputs

REGULATIONS

REGULATIONS
Directive 2014/35/UE LVD + Directive 2011/65/UE RoHS + EN 50581:2012 + EN 60535:2009 A1:2013

LOGISTICS INFORMATION

UNITARY PACKAGING HEIGHT
0

UNITARY PACKAGING WIDTH
0

UNITARY PACKAGING LENGTH
0

UNITARY PACKAGING VOLUME
911400

UNITARY PACKAGING VOLUME UNIT
MMQ

UNITARY PACKAGING GROSS WEIGHT
0.024

PRODUCT NET WEIGHT
0.024

UNITARY PACKAGING WEIGHT UNIT
KGM

PACKAGING EAN
8426436046863

UNITS CONTAINED PACKAGING
10

PACKAGING HEIGHT
70

PACKAGING WIDTH
93

PACKAGING LENGTH
140

PACKAGING MEASUREMENT UNIT
MMT

PACKAGING VOLUME
911400

PACKAGING VOLUME UNIT
MMQ

PACKAGING GROSS WEIGHT
0.24

PACKAGING NET WEIGHT
0.24

PACKAGING WEIGHT UNIT
KGM