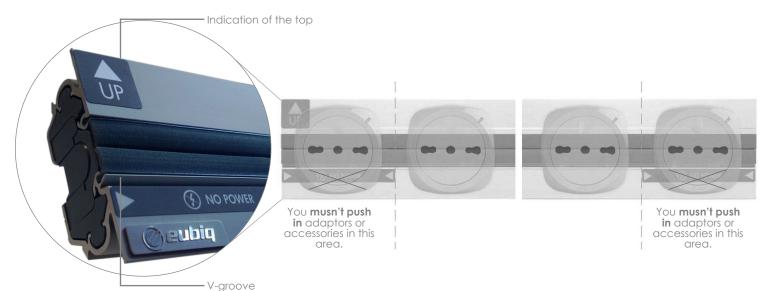


SFC3

Electrified profile for power and data.

SFC3 installation manual

Product orientation.



Read carefully before installation

Installation

All Power Tracks must be installed by qualified installers.

Use of the earth leakage circuit breaker (ELCB)

Is mandatory equip all electrical installations with an ELCB for protection against overloads, short circuits and leakage to ground. It can be dangerous do not follow this indication.

Installation location

All Power Tracks must be installed in locations that comply with the laws of the country in which they are installed.

Installation Specifications

All Power Tracks must be installed on a flat surface.

Dimension and distance recommended

Refer to IMAGE.1 below for more information on the minimum distance (from the floor) request to insert adapters and accessories.

IMAGE.1: Minimum dinstance for SH1 installation Minimum distance 25 mm from the floor



Note: the thickness of the cover is 5 mm

Technical specifications

Rated viltage: 250V c.a. single phase **Rated Current**: 32Amp maximum

Frequency: 50/60 Hz Voltage peak: 4000V c.a.

Capacity of the connection terminals

(Line/Neutral/ground): 1,25 mm² until 6 mm²

Temperature of

working ambient: -5° until +55° (never exceed the

average of 35° in 24 hours)

Warning.

Keep away from fire

Don't use outdoor

Keep away from water

It must be installed by a

qualified electrician/installer

Maximum installation

altitude: 2000 m **Degree of protection**: IP 4X

Degree of protection 2 (non-conductive dusts with

to dust:

temporary conductivity caused by condensation)

Material of the electrified

profile and its

cover: aluminum

Insulation

material: polycarbonate

Overall

dimension:

(Width. x Depth) 62 mm x 26 mm

Conformity: IEC EN 61534-1, IEC EN 61534-21
DNV Certification standards

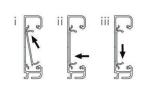
n° 2,4 (PSB TEST)

Backplate guidelines

Back plates are recommended to: 200 mm

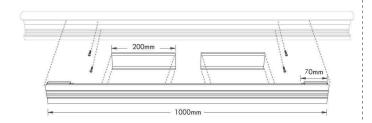
Recommended number of back plates:

1 back plate every 500 mm of track.

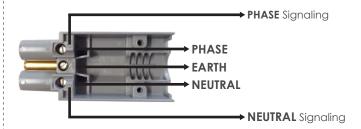


Minimum distance

The back plates must be joined to a minimum distance of 80 mm in the space of modular SFC3 giving way to the terminals.



Wiring



Wires positioning

Phase (brown o red)

Earth (green or green/yellow)

Neutral (blue or black)

- 30 mm
- 1) Do not install in wet spaces
- 2) If in doubt contact the manufacturer

B.Installation of SFC3 modular powertrack (lateral power output)



Slide off the silicon rubber.



Flip up the cover using a flat screwdriver.



Slide off the terminal.



Turn the terminal and remove the two screws with



Slide off the top cover.



Terminate the wiring as indicated in the "wiring".



cover for the cables.



Replace the cutted cover and fix it on the terminal with the two screws removed earlier.



Slide the terminal inside the body of the Power Track until snap the clip system and replace the silicon rubbers.



Fix the backplate to the profile referring to the "Backplate Guide".



Insert the SFC3 into the profile.



Where is needed, fix the blank cover (aluminum cap) in the profile.

C.Installation of SFC3 modular powertrack (back power output)



Slide off silicon



Flip up the cover using a flat screwdriver.



Slide off the terminal.



Turn the terminal and remove the two screws with a Phillips screwdriver



Slide off the top cover.



Cut and remove the cover for the cables on the back (possibly with



Cut and remove the cover for the cables on the back (possibly with a screwdriver push on template to facilitate the cutting).



Insert the cables inside the top cover (just cut off) and terminate the wiring as indicated in the "wiring".



Replace the cut cover and fix it on the terminal with the two screws.



Slide the terminal inside the body of the Power Track until snap profile, the clip system and replace the silicon rubbers.



Insert the SFC3 into the



Where is needed, fix the blank cover (aluminum cap) in the profile.