

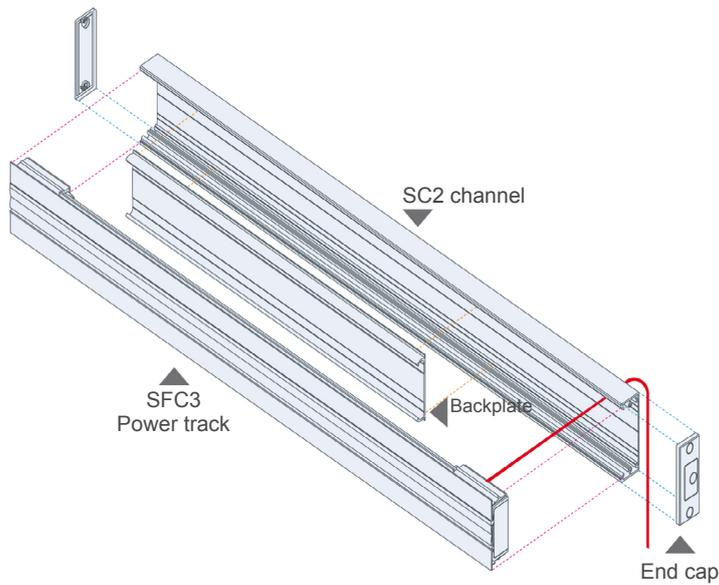
SC2

Electrified wall profile
Installation Guide

 Warning

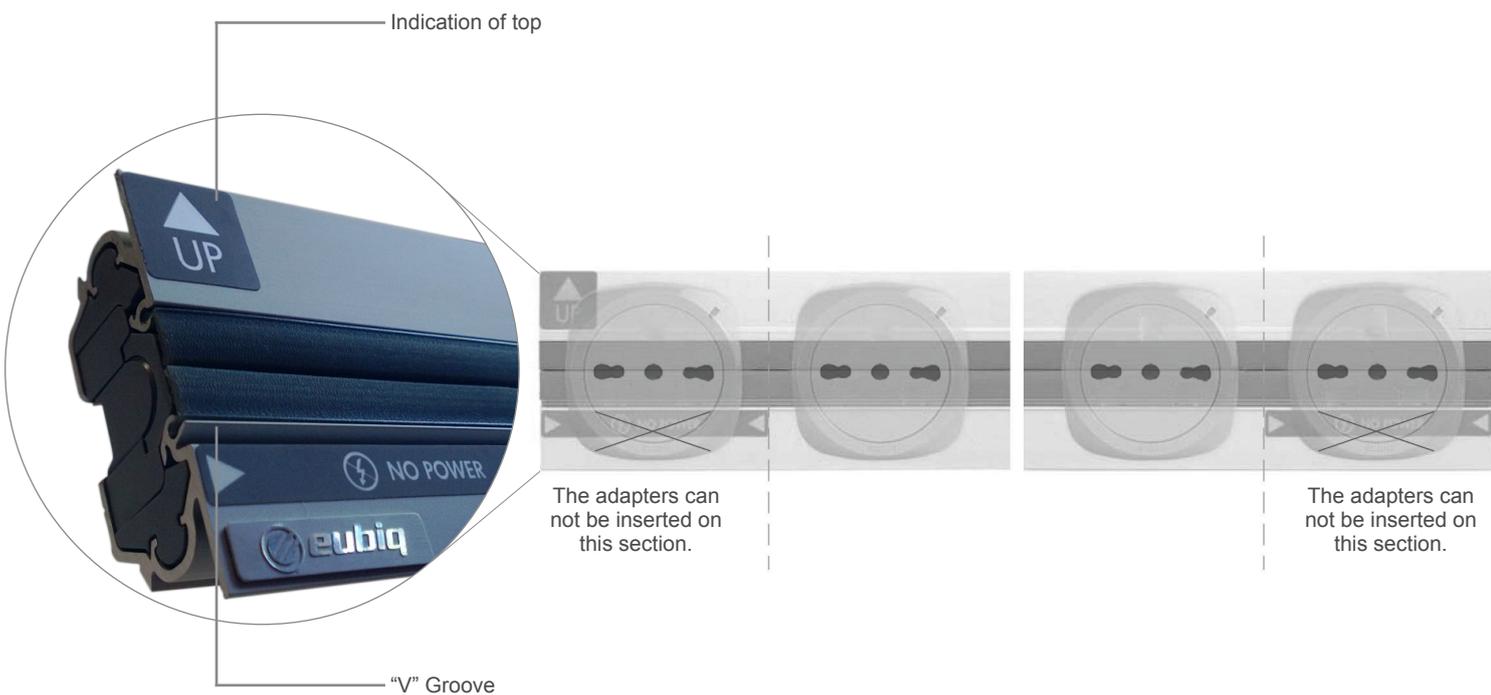
-  Keep away from fire
-  Keep away from water
-  Don't use outdoor
-  Must be installed by a qualified electrician / installer

Product description



Legend
— Power cable

Power track



Please read before installation

Installation

All electrified profile must be installed by a qualified electrician.

Use of the differential switch (ELCB)

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

Places of installation

All electrified profile should be installed in locations that respect the laws of the country in which they are installed.

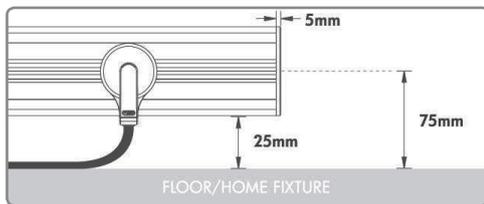
Installation specification

All Power covers must be installed on a flat surface.

Size and distance recommended

Please refer to PIC.1 below for more information on the minimum distance (from the floor) required to insert adapters and accessories.

PIC.1: Minimum distance for SC2 installation
Minimum distance 25 mm from the floor



Note: the thickness of the cover is 5 mm

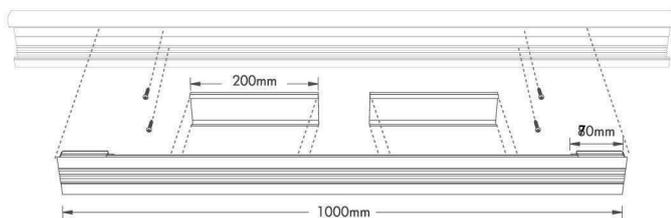
Back plate guide

Are recommended backplate of: 200mm

Reccomended number of backplate: 1 backplate every 500 mm of profile.

Minimum distance:

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



Specifiche tecniche

Tensione: 250V c.a. monofase
Corrente: 32Amp Massimo
Frequenza: 50/60Hz
Picco di tensione: 4000V c.a.
Portata morsetti collegamento (Linea/Neutro/Terra): 1,25mm² fino a 6mm²
Temperatura ambiente di lavoro: -5° fino a +55° (non superare mai la media di 35° in 24 ore)

Altitudine massima installazione: 2000m
Grado di protezione: IP 4X
Grado di protezione alle polveri: 2 (polveri non conduttive con conduttività temporanea causata dalla condensa)

Materiali del canale elettrico e della custodia:

alluminio

Materiale d'isolamento:

polycarbonato

Dimensioni d'ingombro:

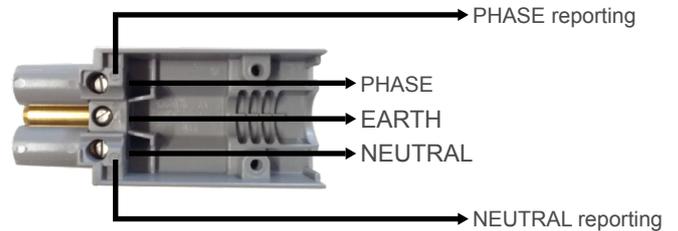
(Largh. x Spessore)

62mm x 26mm

Conformità:

IEC EN 61534-1, IEC EN 61534-21
DNV Standard di certificazione n°2,4 (PSB TEST)

Wiring

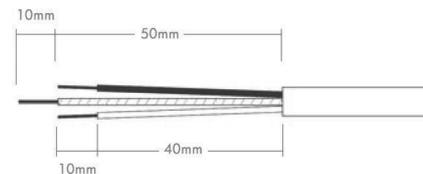


Wire placement:

Phase (brown or red)

Earth (green or green/yellow)

Neutral (blue or black)



- 1) Do not install in humid or wet environments
- 2) If in doubt contact the manufacturer

Description

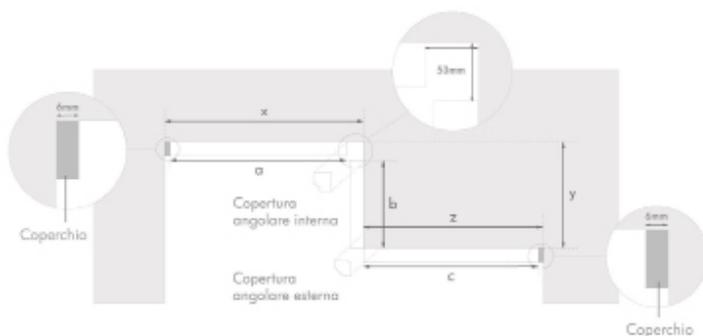
| | | | |
|-------------------|---|-------------------|---|
| Length total wall | x | DMS1 frame length | a |
| | y | | b |
| | z | | c |

With cap= 6 mm

For internal angular coverage with a margin = 53mm

Misuration guide

| DMS1 Frame length | Formula |
|-------------------|------------|
| a | (x-53-6)mm |
| b | (y-53)mm |
| c | (z-6)mm |



Installation

A. Installation of SC2 cover

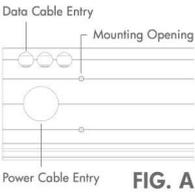


FIG. A

1 Mark on the track back the position where to apply the hole with the use of a special drill. PIC.A shows the location of the holes on the frame.

2 Where previously reported drill using the drill to make the holes where to route your cables.

3 Join the cap to the frame

4 Use the screwdriver to close the cap.

5 Apply the screw cover caps. Repeat steps 3 to 5 on the opposite side of the frame.

6 Insert the power and data cables where previously drilled.

7 Mark the correct position on the wall where I'll drill.

8 Drill holes in the wall where previously indicated.

9 Align the frame to the wall and insert the anchors.

10 Fix the frame with screws and screwdriver. PIC.B shows an example of the frame mounted on the wall.

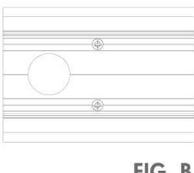


FIG. B

11 If you want to extend the rail thus combining another use the joint for the connection of the profiles.

12 Insert the data cable in the space provided.

13 Use SC2 divider to hold the data cables from the electrical components separated.

B. Installation of SFC3 power track (output side supplies)

1 Pull off silicone sleeves.

2 Snap up the cover using a flat screwdriver.

3 Pull off the terminal.

4 Turn the terminal and remove the two screws with screwdriver.

5 Pull off the top cover.

6 Terminate the wiring as shown in "wiring".

7 Cut and remove the cover for the passage of cables.

8 Replace the cut cover and secure the terminal with the two screws removed previously.

9 Slide the end within the body of the Power Track up to snap the clip system and replace silicone sleeves.

10

11 Fix the profile backplates referring to the "Guide Backplate".

12 Insert SFC3 into the frame.

13 Where necessary to insert the blank cover (aluminum cap) in the frame.

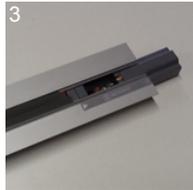
B. Installation of SFC3 power track (output back side supplies)



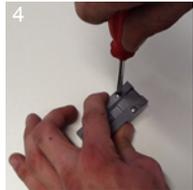
1 Pull off silicone sleeves.



2 Snap up the cover using a flat screwdriver.



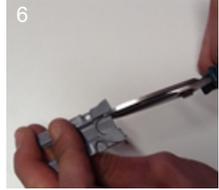
3 Pull off the terminal.



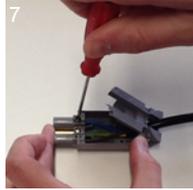
4 Turn the terminal and remove the two screws with screwdriver.



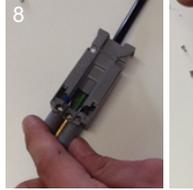
5 Pull off the top cover.



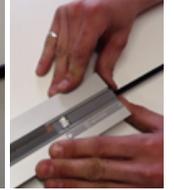
6 Cut and remove the cover for the passage of cables on the back (possibly with a screwdriver to pressure on the template to facilitate cutting).



7 Cut and remove the cover for the cables on the back Put the cables inside the top cover (just cut off) and terminate the wiring as shown in the "Wiring."



8 Replace the cut cover and secure the terminal with the two screws.



9 Slide the end within the body of the Power Track up to snap the clip system and replace silicone sleeves.

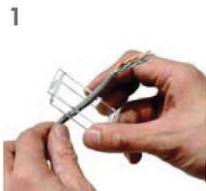


10 Insert SFC3 into the frame.



11 Where necessary to insert the blank cover (aluminum cap) in the frame.

D. Installation of data points (optional)



1 Prepare the cables inside the DS4.



2 Insert the disk in the aluminum profile.



3 If necessary, insert the blank cover in the aluminum profile.



4 Terminare il cablaggio dei jack dati.



5 Join data jack to DS4, see "DS4 installation guide".



6 Insert the DS4 to the frame.

