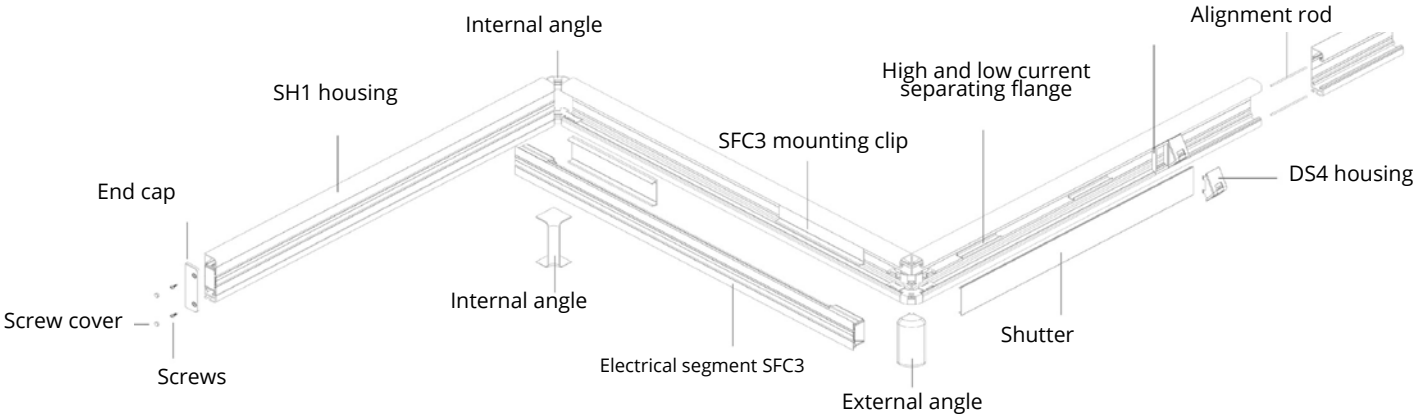
SH1

Installation guide.

Warning.

- Keep away from flames
- Keep away from water
- Not designed for outdoor use
- Must be installed by an experienced electrician or installer

Overview of the product



Installation precautions

INSTALLER

All Eubiq power tracks must be installed by a qualified electrician or installer.

Use of a circuit breaker (ELCB)

All electrical installations must be connected to a circuit breaker to provide protection against overload, short circuits and water damage. Failure to comply with this requirement can be dangerous.

Where to place the installation ?

All power tracks must be installed in premises that meet the safety standards of your country.

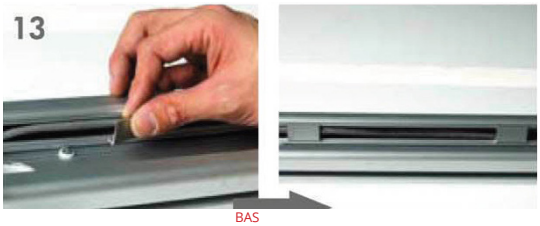
The installation area

All power tracks must be installed on a flat surface.

Installation distances

The SH track must be installed at least 25 mm below the floor, furniture, shelves or other objects (Fig.1).

FIG.1: Minimum distance of 25 mm between the SH track and the bottom.



BAS

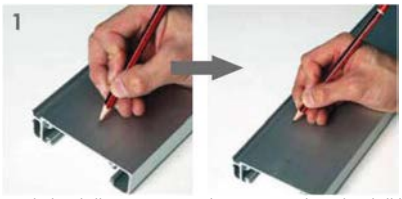
SFC3 power track characteristics

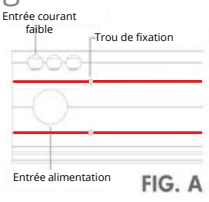
Rated Voltage:	250V Single-Phase
Rated Current:	32 Amp maximum
Frequency:	50/60Hz
Rated Impulse Wisthand Voltage:	4000V a.c
Terminal Connecting Capacity (Live/Neutral/Earth):	1,5mm² or 2,5mm²
Ambient Operating Temperature: (should not exceed an average of 35° over 24 hours)	-5° C to +40°C
Maximum altitude:	2000m
Protection class:	IP4X
Degree of pollution:	2
Track material :	Aluminium
Insulation material:	Polycarbonate
Certifications:	IEC EN 61534-1, IEC EN 61534-21DNV
Certification standard:	n°2,4 (PSB TEST)

Characteristics of SH housing

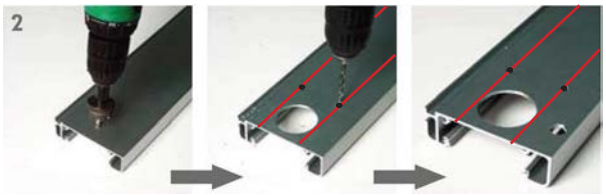
Dimensions (Width x depth):	100 mm x 28,5 mm

A. Installation of the housing





Mark the drilling points on the rear panel on the drill lines (marked in red) 28 mm from the top and bottom of the chassis, as shown in figure A. One hole for the power supply, two holes for mounting and then 3 more holes for the mains cable entry if required.



Make a hole at the markings with a special drill for the power cable outlet.



Add the end cap.



Fix it.



Insert the screw covers. Repeat steps 3, 4 and 5 for the other end of the housing.



Feed the power and network cables through the holes provided.



Mark the location of the two wall mounting holes.

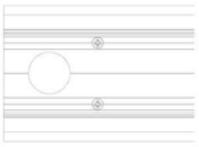


Drill the wall at the markings.



Align the frame with the holes and insert the dowels.

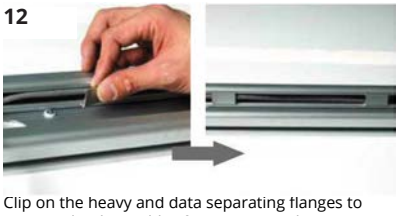




Fix the housing by screwing it to the wall as shown in figure B.

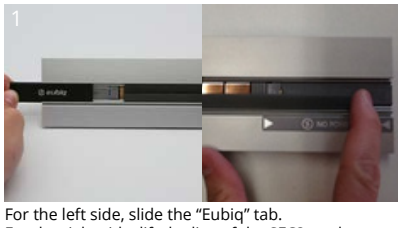


Put the data cables in the upper compartment of the housing.

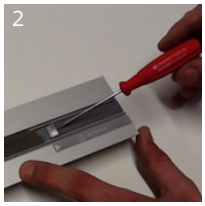


Clip on the heavy and data separating flanges to prevent the data cables from entering the main compartment.

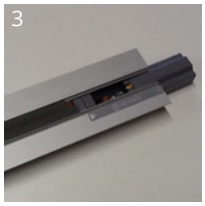
B. Setting up the SFC3 power track



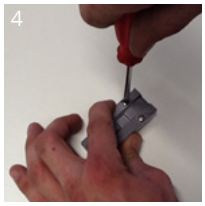
For the left side, slide the “Eubiq” tab.
For the right side, lift the lips of the SFC3 track.



Using a flat screwdriver, unclip the connector.



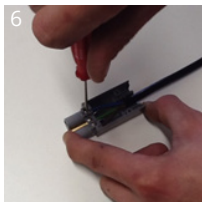
Remove the connector from the power track.



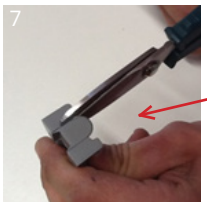
Remove the two screws on the bottom of the connector.



Separate the two parts (case + cover).



Connect your cables using the connection guide below.



Cut out the cable gland.



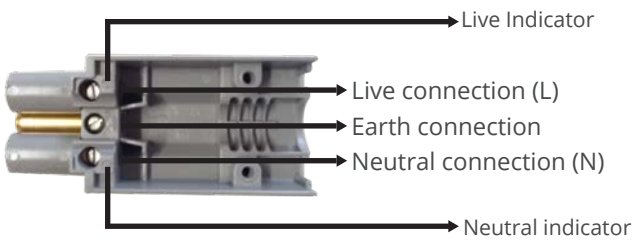
Replace the cover on the case and screw it on.



Replace the connector in the SFC3 power track and snap it into place.



Connection Guide

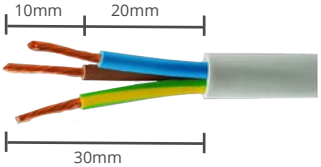


Position of the wires:

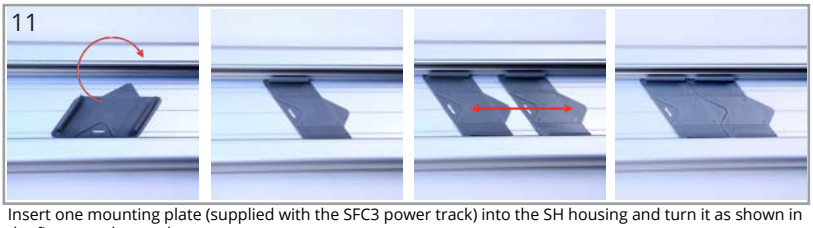
Live (brown or red)

Earth (green or green/yellow)

Neutral (blue or black)



1) Do not use in a wet environment.
2) If in doubt, please consult a qualified electrician.



Insert one mounting plate (supplied with the SFC3 power track) into the SH housing and turn it as shown in the first two photos above.
Then do the same with another and join the two plates.



Clip the SFC3 power track into the housing.



Cover the cable outlet with the SFC2D plug.

Installation of the DS4 housing.



Insert the cable into the frame of the DS4 housing.



Clip it into the housing



Add the shutter on the other side of the frame.



Add the RJ45 connector to the cable end.

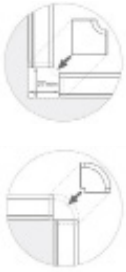


Clip it into the DS4 housing.



Clip the DS4 onto the SH housing.

Cutting of corners, when the SH housing is in contact with a surface (ceiling, floor, furniture)



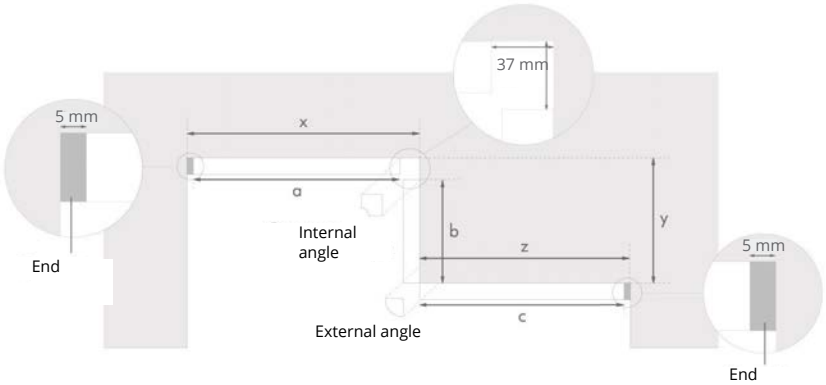


It is important to remove the lower or upper part of the corners if the electrical track is in contact with furniture, the wall or ceiling or any other type of surface.



Remove the part to be cut out with pliers.

Angle guide



DESCRIPTION

WALL (dimensions)	x
	y
	z

SH housing (dimensions)	a
	b
	c

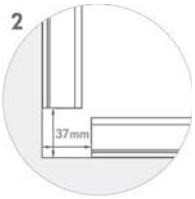
End width = 5 mm
Corner fixing: width = 37 mm

SH housing (dimensions)	Formula
a	(x -37 -5) mm
b	(y - 37) mm
c	(z - 5) mm

A. Installation of the inside corner



Follow the instructions in part A “Setting up the SH housing” 1 to 5 to prepare the profile.



Align the housing according to the “Guide to angles” above.



Follow the instructions in part A “Setting up the SH housing” 6 to 12 to prepare the profile.

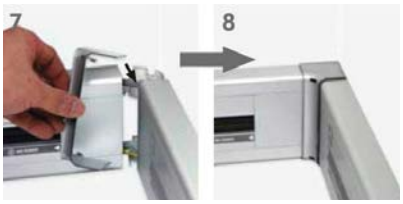


Place and clip the corner onto the bottom of the housing as shown in the photo.



Carry out the same step for the upper part.



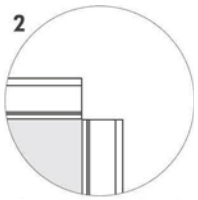


Finally, clip the inner corner onto the track.

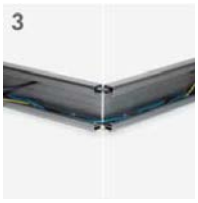
B. Installation of the outside corner



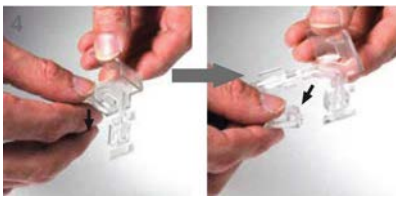
Follow the instructions in part A “Setting up the SH track” 1 to 5 to prepare the profile.



Align the chassis according to the “Guide to angles” at the end of the last page.



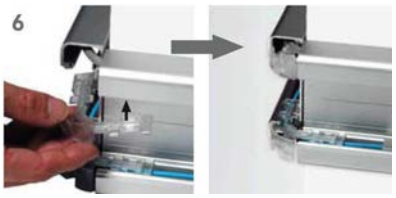
Follow the instructions in part A “Setting up the SH track” 6 to 12 to prepare the profile.



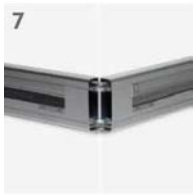
Remove the plastic latch on the inside of the corner by breaking it downwards.



Place and clip the corner onto the bottom of the housing as shown in the photo.



Carry out the same step for the upper part.



Complete the installation of the power and network cables and the SFC3 power trackand shutter*.



Finally, clip the outer corner onto the track.

*For the installation of the SFC3 power track and the quick connector, please refer to part B “Installation of the SFC3 power track”.