RH2

Recess Power and Data Track (With SFC3)

Installation Guide

⚠ CAUTION

- Keep away from fire.
- Keep away from water.
- Not for outdoor use.
- To be installed by a qualified electrician/ installer.

⚠ PLEASE READ BEFORE INSTALLING

INSTALLING PARTY
All Power Tracks must be installed by a qualified electrician.

USE OF EARTH LEAKAGE CIRCUIT BREAKER (ELCB)
It is a mandatory requirement that all installations of electrical
power source must be connected to an ELCB to provide protection against overload, short circuits and earth leakage faults. Failure to comply can be hazardous.

INSTALLATION LOCATION
All Power Tracks must be installed at a location that complies with safety rules and regulations of respective country.

INSTALLATION SURFACE
All Power Tracks must be installed on a flat surface.

RECOMMENDED CUTOUT DIMENSION
Please refer to 'Recommended Cutout Dimension' for the recommended dimension of the recess channel.

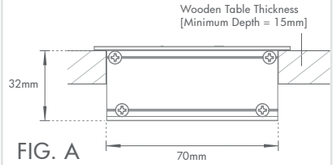


FIG. A

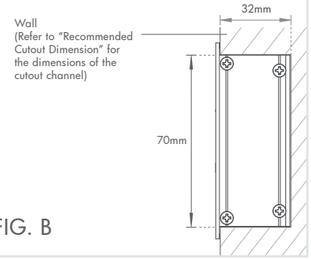


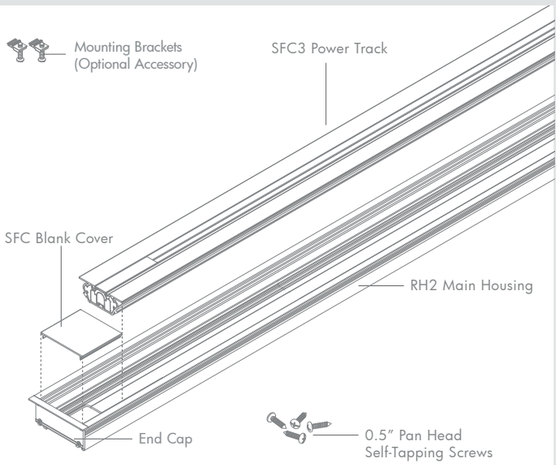
FIG. B

Technical Specification

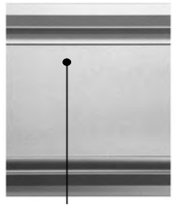
For SFC3 Modular Track

Rated Voltage	:	250V a.c. Single-phase
Rated Current	:	32Amp maximum
Frequency	:	50Hz / 60Hz
Rated Impulse Withstand Voltage	:	4000V a.c.
Connection of Adaptor or Tap-off Unit	:	Intended to be connected and disconnected when when system is energized and with a load connected
Terminal Connecting Capacity (Live, Neutral and Earth)	:	1.25mm² to 6mm²
Ambient Operating Temperature	:	-5°C to +55°C (not to exceed an average of more than 35°C in any 24 hours period)
Maximum Installation Altitude	:	2000 metres
Degree of Protection	:	IP4X
Resistance to Impact	:	Heavy Impact
Degree of Pollution	:	2 (Non-conductive pollution with temporary conductivity caused by condensation)
Track and Housing Material	:	Aluminium
Insulation Material	:	Polycarbonate

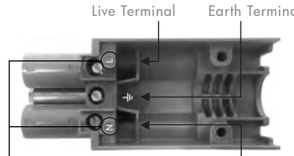
Product Overview



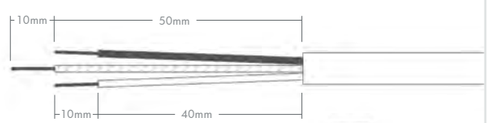
Wiring Instructions



SFC3 Track

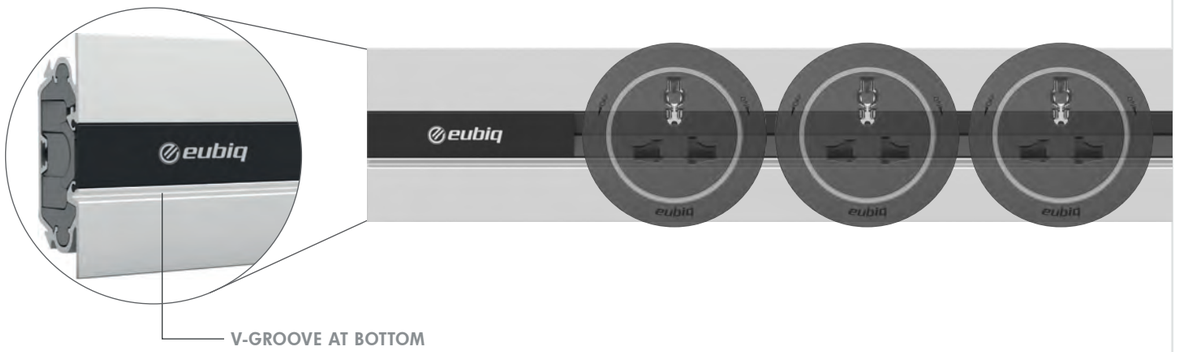


Prepare leads as shown:



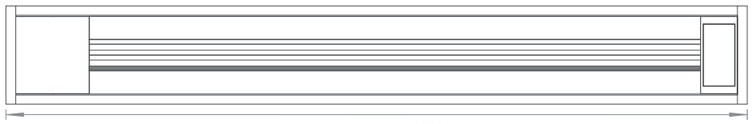
1) Do not use in damp environment.
2) If in doubt, please consult a qualified electrician.

Product Orientation



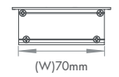
Recommended Cutout Dimension (Based on 1000mm recessed length)

Top View



Side View

Front View

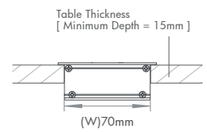


Cutout Dimension for Table Mount (For installation instructions, proceed to "Installation - Table Mount")

Top View

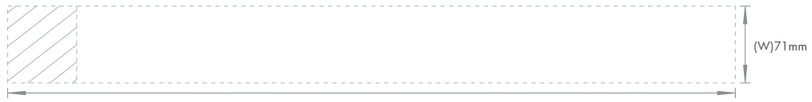
*** NOTE: Additional 4mm must be added to RH2 recessed length**

Front View



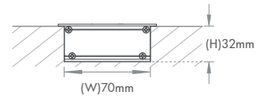
Cutout Dimension for Wall Mount (For installation instructions, proceed to "Installation - Wall Mount")

Top View



*** NOTE: Additional 4mm must be added to RH2 recessed length**

Front View



Depth of Recess Cutout: (H)33mm

Side View

*** NOTE: A indicates the width of 1 data outlet.**
A = Width of 1 data outlet = 30mm

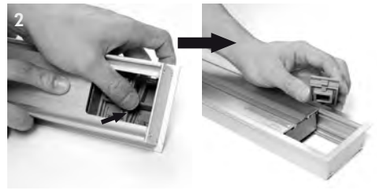
Example (as illustrated above):
Width of 1 data outlet = 30mm
Combined width of 2 data outlets = 2 x 30mm = 60mm
Dimension of Data Outlet Cutout: (H)50mm x (W)60mm

* Illustrations shown not drawn to scale.

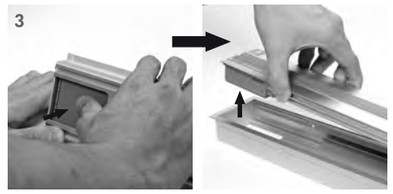
DMK-005-014-06 ENG

Installation - Table Mount

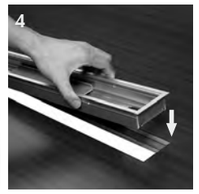
With the dimensions provided in “Recommended Cutout Dimension”, prepare recess channel on the table.



To remove the data housing, push it outwards from the rear as shown.



To remove the power track, push it outwards from the rear as shown.



Align and slot the RH2 housing into the cutout hole on the table. **Proceed to the next step for mounting brackets installation (optional) or step 9 for mounting with screws.**

Prepare the mounting brackets as shown. **Recommended table thickness of up to 33mm.**

Align and hook the mounting bracket onto the groove on the bottom of the housing. **Recommended number of mounting brackets is 4 pieces for every 1 metre.**

Using a size 5 allen key, secure the mounting brackets to the table.

Housing is now secure. **Proceed to step 11 to continue RH2 installation.**

Drill holes onto the table through the pre-drilled holes on the side of the housing **(Drill bit Ø 2mm)**.

Tighten the self-tapping screws into the drilled holes to secure the housing.

Route the power cable through one end of the housing. Prepare to terminate the cable to the SFC3 power track.

Flip open and hold the soft flap in position. Insert the bit of the flat head screw driver into the slot, push down at a 45° angle to release the catch.

Loosen the screws with Philips head screw driver, and remove the end terminal cover.

Terminate the wires to the respective terminals.

Cut and remove the side and rear cable entry blanks from the end terminal cover.

(Continued from previous step.)

End terminal cover with cable entry blanks removed.

Replace the end terminal cover and fasten the screws.

Insert the end terminal into the anchor, pushing it all the way until a ‘click’ sound is heard to secure the end terminal.

Snap the SFC3 power track onto the housing.

(Step 19 continued)

Route the data cables through the opposite end of the housing.

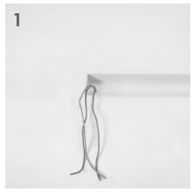
Terminate the data cable to the data jack.

Snap the data jack onto the data housing.

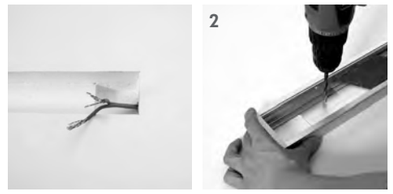
Snap the data housing onto the RH2 housing. RH2 is ready for use.

* Securing Housing With Mounting Brackets (Optional Accessory)

Installation - Wall Mount



With the dimensions provided in “Recommended Cutout Dimension”, prepare recess channel on the wall. **Before proceeding further, ensure that power from the mains is switched off.**

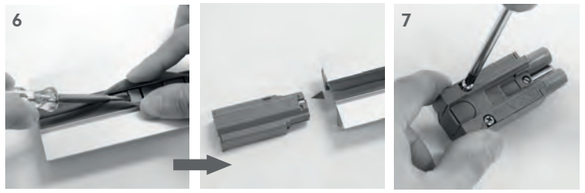


Drill mounting holes along drill lines on the inner bottom surface of the housing **(Drill bit Ø 2mm). It is recommended that you drill along the drill lines indicated in Fig. C.**

Route both the power and data cables through both ends of the housing.

Align and slot the RH2 housing into the recess channel.

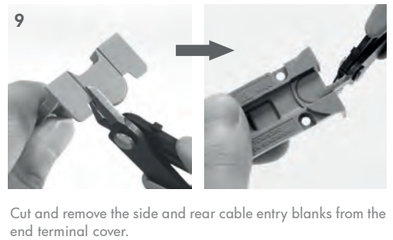
Drill holes onto the recessed surface through the mounting holes. Secure the housing to the surface with the self-tapping screws.



Flip open and hold the soft flap in position. Insert the bit of the flat head screw driver into the slot, push down at a 45° angle to release the catch.

Loosen the screws with Philips head screw driver, and remove the end terminal cover.

Terminate the wires to the respective terminals.



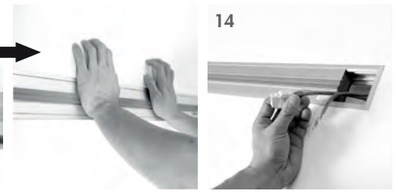
Cut and remove the side and rear cable entry blanks from the end terminal cover.

End terminal cover with cable entry blanks removed.

Replace the end terminal cover and fasten the screws.

Insert the end terminal into the anchor, pushing it all the way until a ‘click’ sound is heard to secure the end terminal.

Snap the SFC3 power track onto the housing.



Terminate the data cable to the data jack.

Snap the data jack onto the data housing.

Snap the data housing onto the RH2 housing. RH2 is ready for use.

3 Years Limited Warranty

1. Eubiq Pte Ltd (”Eubiq”) warrants to the end-user of the product (”the Customer”) that the product will be free from defects in materials and workmanship under normal use for a period of three (3) years from the date of retail purchase by the original end-user purchaser (”Warranty Period”).
2. The Customer should access and refer to Eubiq’s website at www.eubiq.com for a list of Eubiq authorised dealers to contact for warranty service.
3. All requests for warranty service must be made within the Warranty Period, and be accompanied by the original dated proof of purchase.

DMK-005-014-06 ENG