



eWALL® SCANKAB CHARGING SYSTEM

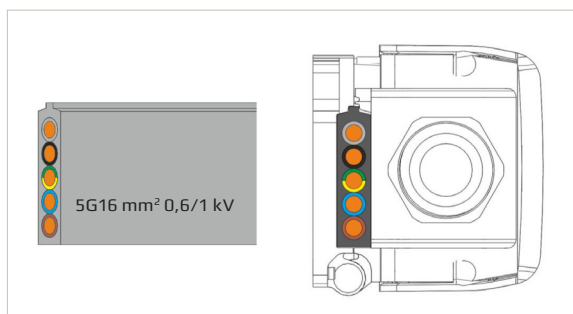
INSTRUCTION MANUAL



Photo: Mattias Fahlgberg

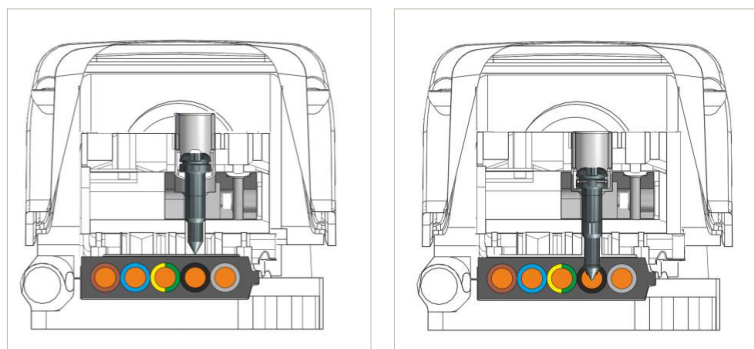


eWALL® INSTRUCTION MANUAL



INSTALLATION OF eWALL® 8120 W / 8200 W, HF FLAT CABLE

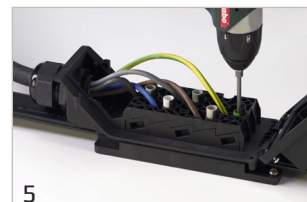
- The flat cable's unique profile helps to ensure correct installation of both the connection module and the end piece.
- Under the printed text on the outer sheath of the flat cable is the blue neutral conductor, this to further avoid incorrect installation.
- The flat edge of the flat cable, where the brown phase conductor is located, must rest against the hinges in the connection module.
- At ambient temperatures below 10°C, it is recommended that the cable is to be heated before installing the connection module.
- The connection modules can be installed anywhere on the flat cable. The conductors remain unbroken.
- The connection between the flat cable and the incoming supply cable is created using the contact screws in the connection module.



PREPARATION OF THE CONNECTION MODULE (1)



- Start by loosening the outer screws and opening the cover, Torx 15 (2)
- Fasten the cable screw gland for the round conductor (3)
M32: 5,0 Nm
- Insert the power supply cable TOXFREE® RZ1-K or POWERFLEX® RV-K and tighten the gland nut (4)
- Connect the single cores to the respective screw terminals. (5)
Torque: 1,2 Nm, shaft length min. 70 mm.



PREPARATION OF THE POWER SUPPLY CABLE

- Strip the power supply cable into the following lengths:
 - Brown (L1): 140 mm
 - Black (L2): 80 mm
 - Gray (L3): 120 mm
 - Blue (N): 90 mm
 - Green/yellow (PE): 180 mm



Strip 12 mm of insulation from the single conductor wires

MOUNTING KIT FOR FASTENING THE eWALL® 8120 W / 8200 W, HF FLATCABLE



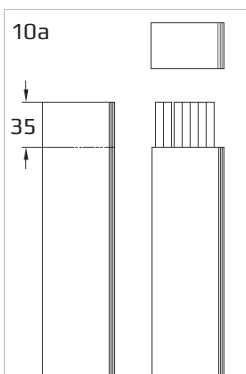
- The flat cable is mounted with stainless steel clamps (6a).
- We recommend a staple distance of approx. 300 mm.
- Alternatively, plastic brackets can be used to achieve air circulation between the surfacel and the cable for higher loads (6b).

STRIPPING TOOL FOR FLAT CABLE

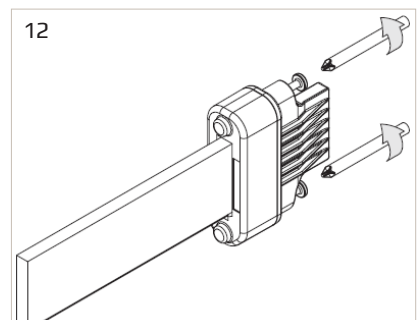
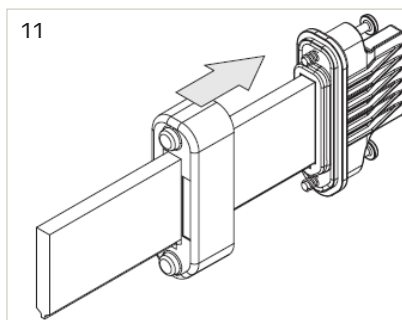
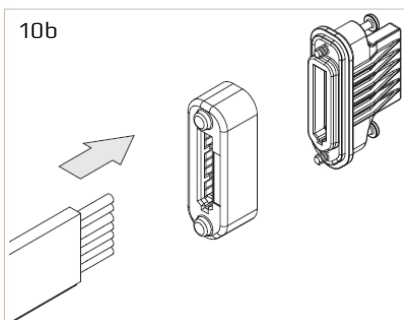


- eWALL® 8120 W / 8200 W, HF is easily stripped with our EV Stripping Cable Tool.
- The flat cable is first placed in the EV Stripping Cable Tool to cut off the outer sheath on both sides (7).
- The knife is then used to cut the cable along the edges (8). Since the depth is different on the two edges, the depth of the cut can be adjusted using the small wheel.

ASSEMBLY OF END CAP



- When the flat cable eWALL 8120 W / 8200 W, HF is mounted, the ends must be sealed with end caps to achieve IP65 (9)
- Remove 35mm of the outer (10a) sheath and apply the two parts of the end cap (10b)
- Make sure that the exposed conductors are properly inserted in the respective grooves and then assemble the end cap (11) and tighten both locking screws (12) Do not overtighten.





SCANKAB SET OUT AS THE CABLE INDUSTRY'S ANSWER TO "GARAGE ROCK"

From the outset, Scankab was the rebel of the cable industry. The business sold cables from a small garage store room and challenged the cable market. Today, setting new industry standards is still part of Scankab's DNA. Scankab develops, manufactures and delivers quality cables and cable management systems for electrical installation jobs.



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We believe in direct communication

