

**FrigoPack FU+
Mounting of housing extensions for external wall mounting (Accessory FU+ IP40/NEMA1)**

Comments:

The IP40 accessory kit consists of three parts:

- Top cover (black)
- Lower terminal cover (grey)
- Cable clamp.



For mounting of this kit, the lower grey cover has to be separated into two parts by loosening the 4 screws on the bottom.



Important: Please do remove the graphic keypad and position inverter appropriately.

FrigoPack FU+ 5.5...38:

Please turn around FrigoPack FU+ carefully and position it stably.

FrigoPack FU+ 45 and bigger:

Do position inverter appropriately and stable to gain access to the screws on the backside. FU+ must not stand on front-side control module due to its high weight.

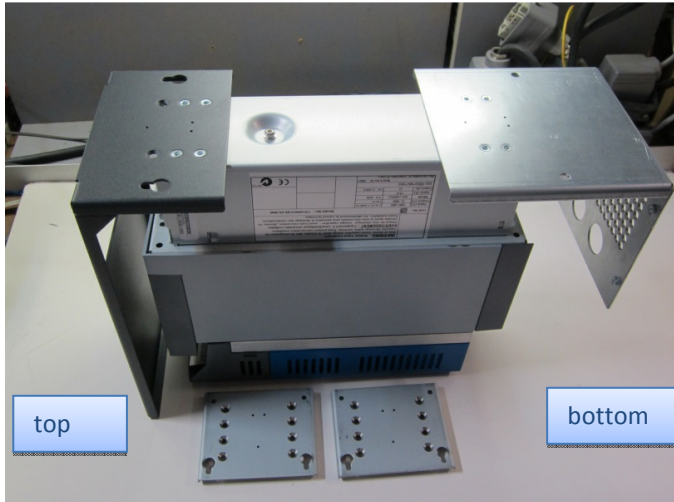
1.



Remove the screws holding the two mounting plates.
Keep the screws for further installation.

Store away mounting plates.

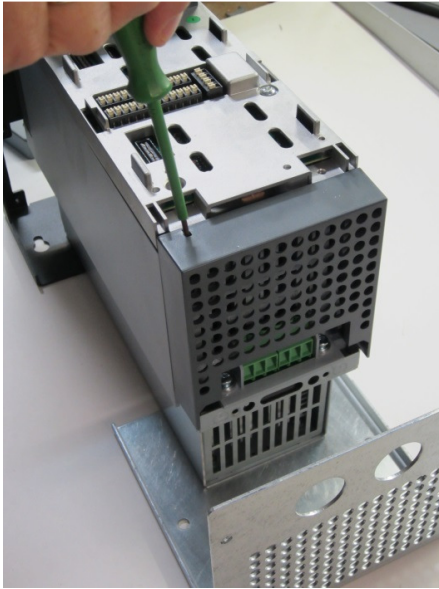
2.



Position the IP40 housing parts as shown on the left (black cover on top side and back side of bottom cover below) and fix with the screws of step 1.

Turn around inverter carefully and remove blue cover of control module (undo the center screw and slide blue cover down slightly and remove it – see Chapter 6.4 of Product Manual).

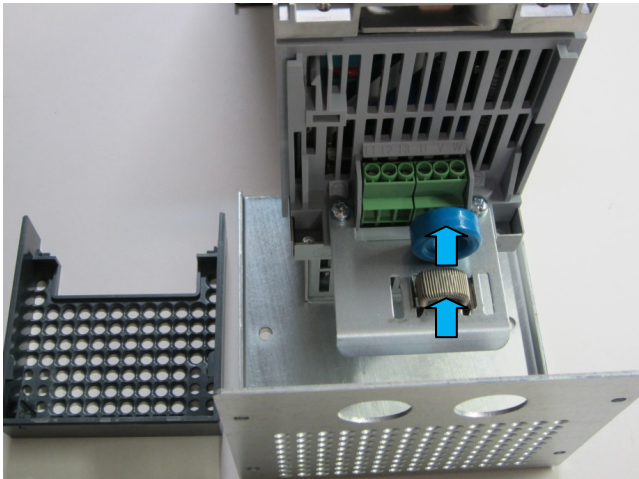
3.



Remove the lower terminal cover:

Insert a small screw driver into the slot to loosen an inside hatch, then pull away cover from inverter (also described in Product Manual FU+, Chapter 10.6).

4.

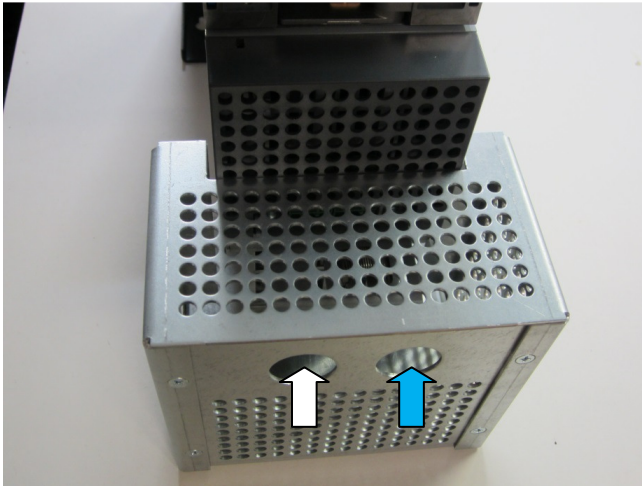


Fix the cable mounting bracket using the two screws to the left and right of the power terminal and motor cable connections.

((Install inverter on designated place))

The motor cable is to be fed through the cable clamp and the ferrite toroid when installed (see blue arrows).

5.



Feed power supply cable (white arrow) and motor cable (blue arrow) through housing bottom and connect to terminals. Then refit lower terminal cover and fix the front part of the IP20 bottom cover. Finally reinstall blue control module cover and keypad.

View of FrigoPack FU+ Refrigeration Inverter with IP40 housing extensions (without cables):

