

4. Technical data

Specification	
Voltage	440 V AC, 50/60 Hz
Rated current	32 A
Connectors	Up to 10x3-p terminals (L1, L2, L3) 6 mm ² each for up to 10 socket module connectors
Installation	Mounting in Varitain PushIn
Dimensions	182 x 133,5 x 88 mm (7.2 x 5.3 x 3.5 inch)
Weight	800 g (1.75 lb)

5. Scope of delivery

Terminal body x 1 with	Busbar x 3 with
Screws (M6, mounting terminal body) x 4	Screw nuts (M10) x 3 (incl. washers, rotatable)
Cap nuts (M6) x 4	Screws (M5) x 9
Spring washers (M6) x 4	Washers (M5) x 18
Clamp markers x 3	Screw nuts (M5) x 12
Terminal locking bar x 1 with	Serrated lock washers (M5) x 9
Screws (M3,5 for terminal locking bar) x 4	

6. Disposal and decommissioning

Comply with the local and national laws, guidelines and regulations regarding the disposal of materials and products.

Waste Electrical and Electronic Equipment (applicable in the European Union and other European countries with separate collection systems.)

The electrical appliances by WISKA Hoppmann GmbH are professional electrical appliances, which are also called business-to-business appliances (B2B). We take back old electrical appliances in accordance with the national WEEE law (i.e. in Germany § 19 ElektroG), and dispose of them properly. Please contact us before shipping your old Wiska electrical appliances at contact@wiska.de. Components, such as cable glands, do not fall under this law.

Do not mix or dispose of old electrical equipment from WISKA Hoppmann GmbH with other commercial waste.

Mounting instructions


Bolt terminal 120 mm² fo Varitain PushIn

SP-VARI/WTB 120 mm²

The bolt terminal replaces defective bolt terminals (120 mm²). It is a complete assembly unit that must be mounted and connected in the refrigerated container socket.


2. Safety instructions

Installation, commissioning, maintenance and repair must be carried out exclusively by a qualified electrician.

- Avoid dropping or jolting. This may damage the LED module.
- Consider national and local installation requirements and classification rules.
- Observe the symbols for connecting the cables in accordance with national directives:
- N = Neutral, L = Phase,  = Earth, LS = Live switched.

Electrical voltage

DANGER

 Danger to life from electric currents.

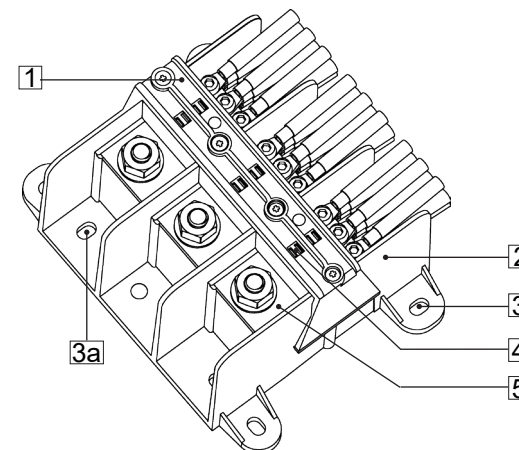
 Work on electrical components only by a qualified electrician.

 Working on open circuits can result in short circuits and body shorts.

- Make sure that the system is disconnected from the electrical connection.
- Secure the power supply against being switched on again.
- Cover open external plant components.
- If necessary, short-circuit the system components.
- Test whether the system is voltage-free.

3. Assembly

The screws and the nuts for mounting and electrical connection are included.



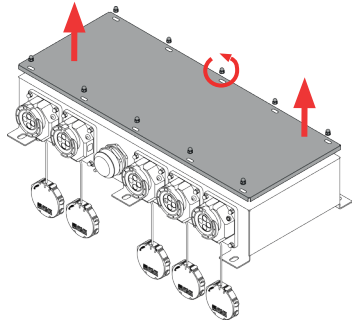
- 1 Terminal locking bar
- 2 Clamp body
- 3 Outer mounting hole
- 3a Inner mounting hole
- 4 Terminal marker
- 5 Busbar

Replacement of the bolt terminal

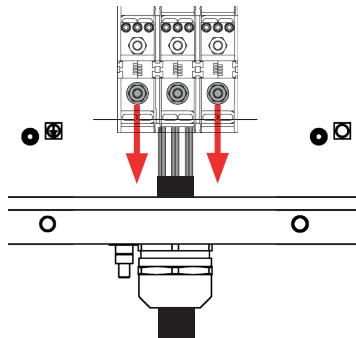
Required tools: Phillips screwdriver PH2, open-end wrench SW17 and SW 10/ SW 8 (cap nuts cover, back of busbar). Allen key (hexagon socket).

i After opening the lid, the seal must be replaced (item number 22000431). Otherwise the housing could leak (see separate instructions).

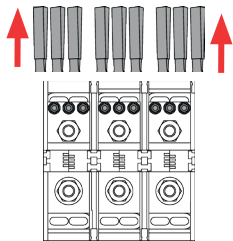
1 Unscrew the cover and lift it carefully. Loosen the PE cable inside the cover



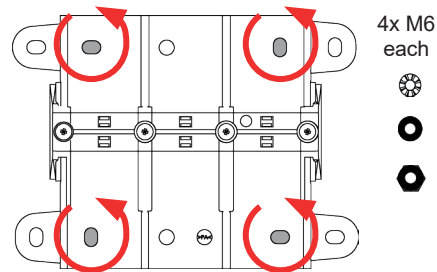
2 Label connection cables L1, L2, L3 (or R-S-T) and disconnect them from the terminal block.



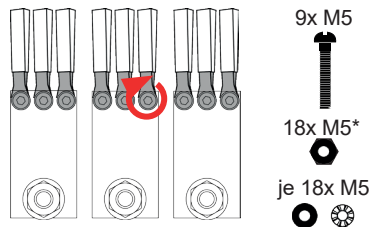
3 Disconnect all cables of the socket modules from the terminal block. Label cables if not already done.



4 Unscrew the defective clamp body. Screw down new clamp body with 4x M6 screws/ washers (included in delivery). Label the terminal markers

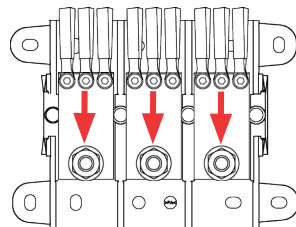


5 Attach the cables of the socket modules to the 3 busbars. Observe L1-L2-L3 (or R-S-T and terminal markers)!

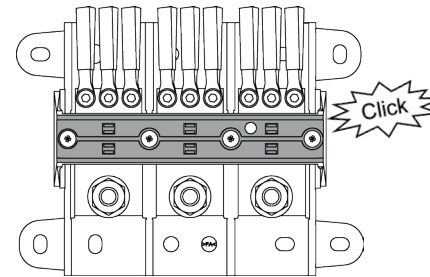


i Tightening torque: **1.7 Nm**
*-> 5 socket modules: Secure busbars with 2 nuts each.

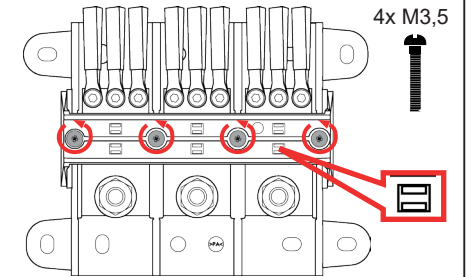
6 Insert the 3 busbars (L1-L2-L3 or R-S-T) into the terminal body.



7 Attach the terminal locking bar and snap it into place.



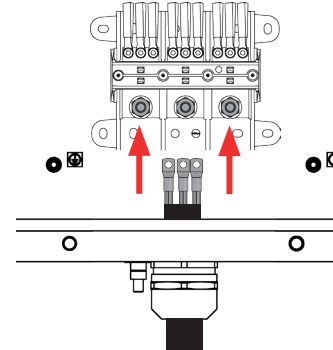
8 Fasten the terminal locking bar with 4 screws.



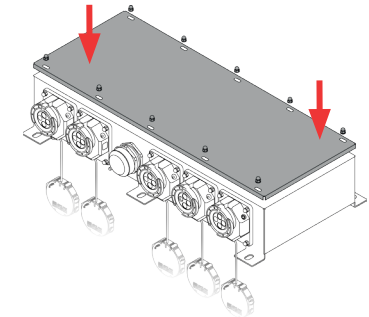
i Tightening torque: **1 Nm**

9 Connect the power supply cable according to L1-L2-L3 (R-S-T).

Observe terminal markers!

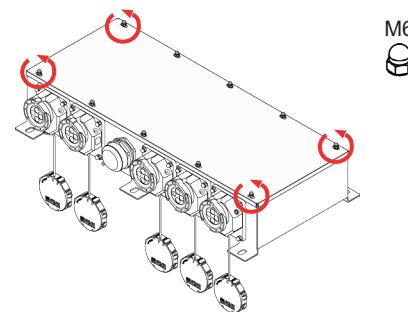


10 Reconnect the PE cable in the cover. Close the cover.



i Tightening torque: **20 Nm**

11 Screw down the refrigerated container socket.



12



i Tightening torque: **4.5 Nm**