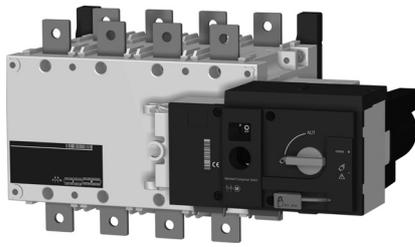


Motorised changeover switch
125A to 630A



6LE00719Aa

HIB4xxM



Preliminary operations

Check the following upon delivery and after removal of the packaging:

- Packaging and contents are in good condition.
- The product reference corresponds to the order.
- Contents should include:
 - 1 x motorised changeover switch
 - 1 x emergency handle and fixing clip
 - 1 x quick start instruction sheet

Accessories

- Bridging bars and connection kits
- Terminal shrouds
- Terminal shield

This quick start is intended for personnel trained in the installation and commissioning of this product. For further details refer to the product instruction manual available on the hager website.

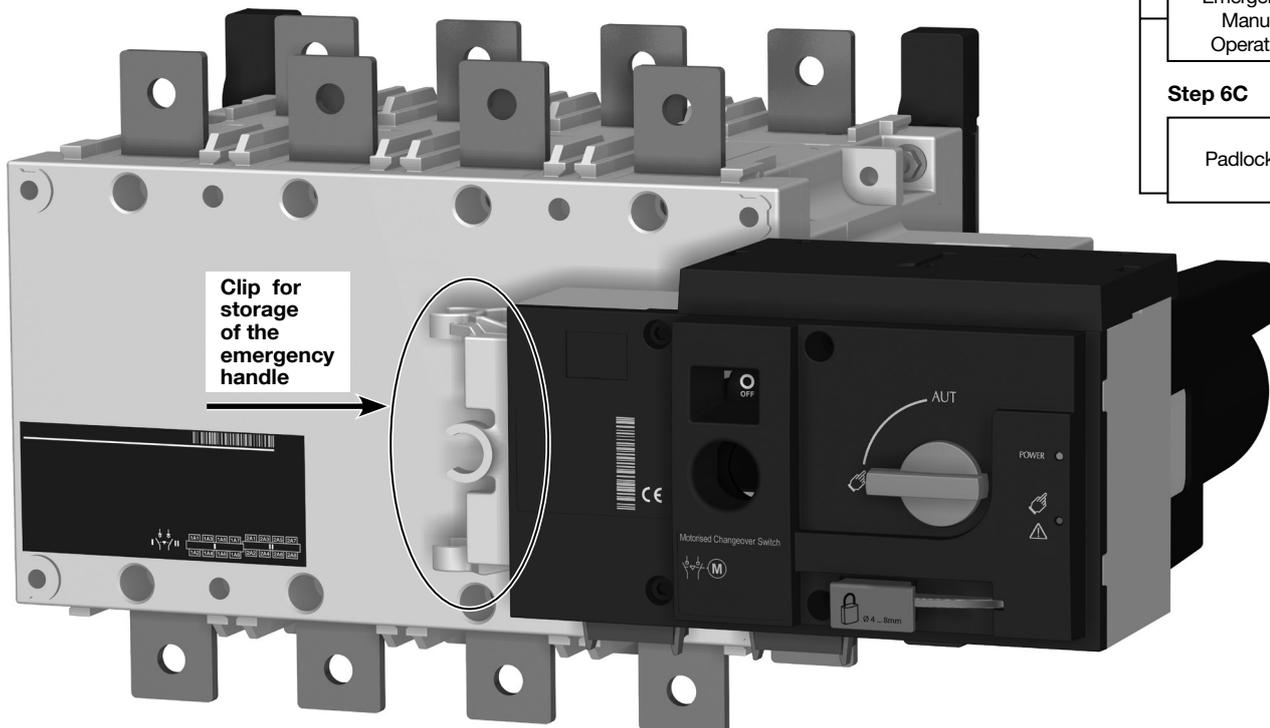
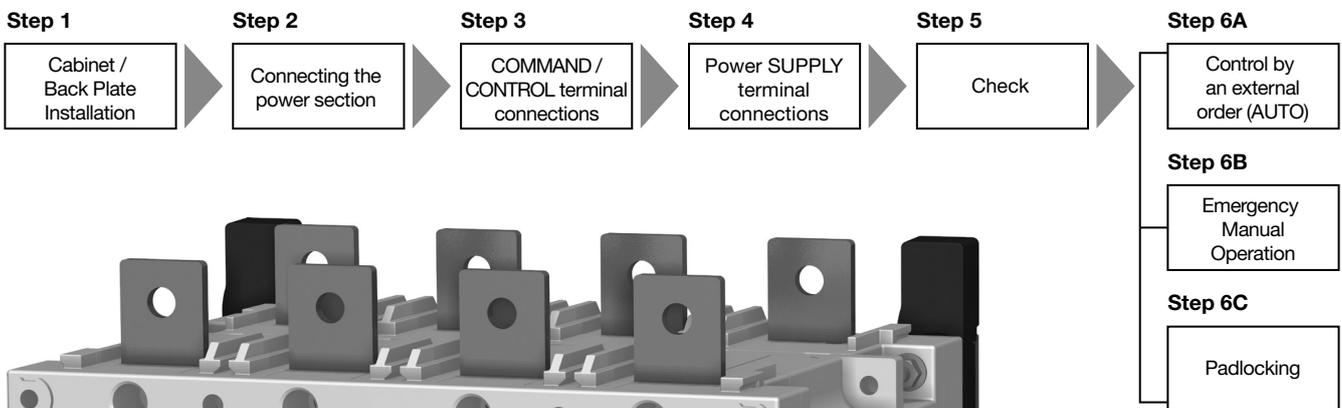
- This product must always be installed and commissioned by qualified and approved personnel.
- Maintenance and servicing operations should be performed by trained and authorised personnel.
- Do not handle any control or power cables connected to the product when voltage may be, or may become present on the product, directly through the mains or indirectly through external circuits.
- Always use an appropriate voltage detection device to confirm the absence of voltage.
- Ensure that no metal objects are allowed to fall in the cabinet (risk of electrical arcing).

- For 125 - 160A (Uimp = 8 kV). Terminations must respect a minimum of 8 mm clearance from live parts to parts intended to be earthed and between poles.
- For 200 - 630A (Uimp = 12 kV). Terminations must respect a minimum of 14 mm clearance from live parts to parts intended to be earthed and between poles.

Failure to observe good engineering practises as well as to follow these safety instructions may expose the user and others to serious injury or death.

Risk of electrocution, burns or injury to persons and/or damage to equipment. Risk of damaging the device: In case the product is dropped or damaged in any way it is recommended to replace the complete product.

Installation and commissioning



1. Installation

Ensure that the product is installed on a flat rigid surface.

Door cut-out for front panel

Dimensions in mm

Orientation

Recommended OK OK NO

M8 Type Z M8

Mounting

125A to 400A 500A, 630A

Removing covers

	125A	160A	200A	250A	315A	400A	500A	630A
4P								
F	317				378			437
M	150				210			270
T	36				50			65
C			244					321
U	20		25		35		32	45
W	9				11			13
CA	10				15			20
X	22				33			37,5

2. Power terminal connections

Use terminal lugs, rigid or flexible busbars.

	125A	160A	200A	250A	315A	400A	500A	630A
Minimum Cu cable section at lth (mm ²)	35		50	95	120	185	2 x 95	2 x 120
Minimum Cu busbar section at lth (mm ²)							2 x 32 x 5	2 x 40 x 5
Maximum Cu cable section (mm ²)	50	95	120	150	240		2 x 185	2 x 300
Maximum Cu busbar width (mm)		25			32			50
Type of screw		M8			M10			M12
Recommended tightening torque (N.m)		8,3			20			40
Maximum tightening torque (N.m)		13			26			45

3. CONTROL/COMMAND terminals

Ensure that the product is in Manual Mode.

CONTROL

Enable Ctrl OFF II I O

312 313 314 315 316 317

OUTPUTS

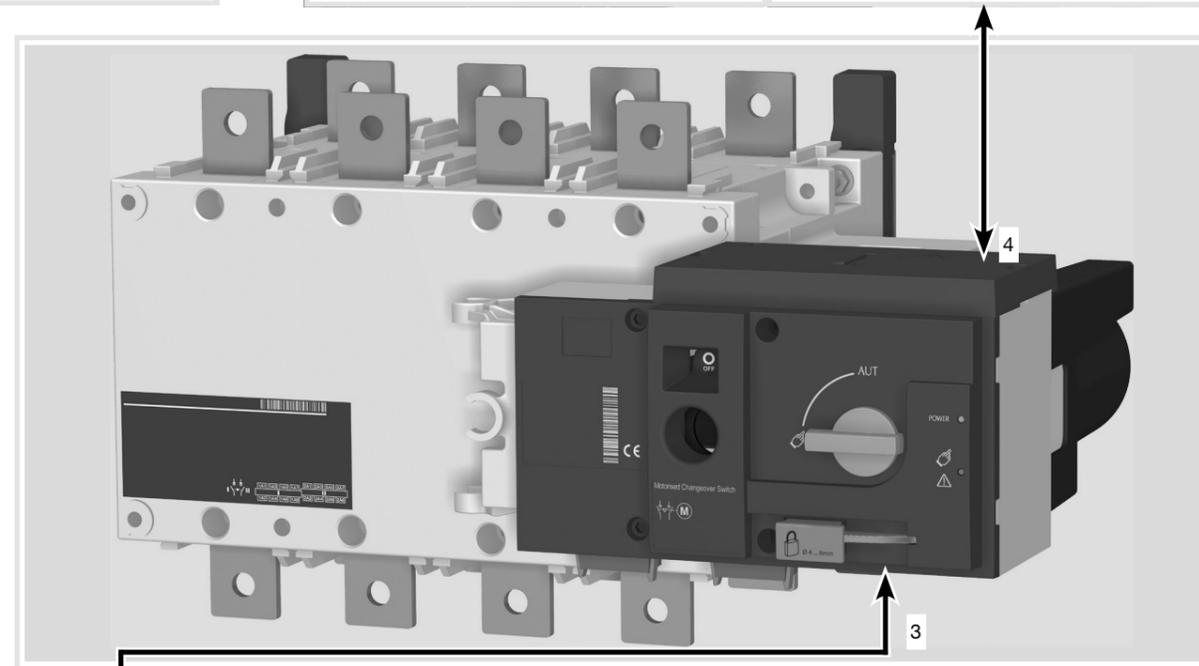
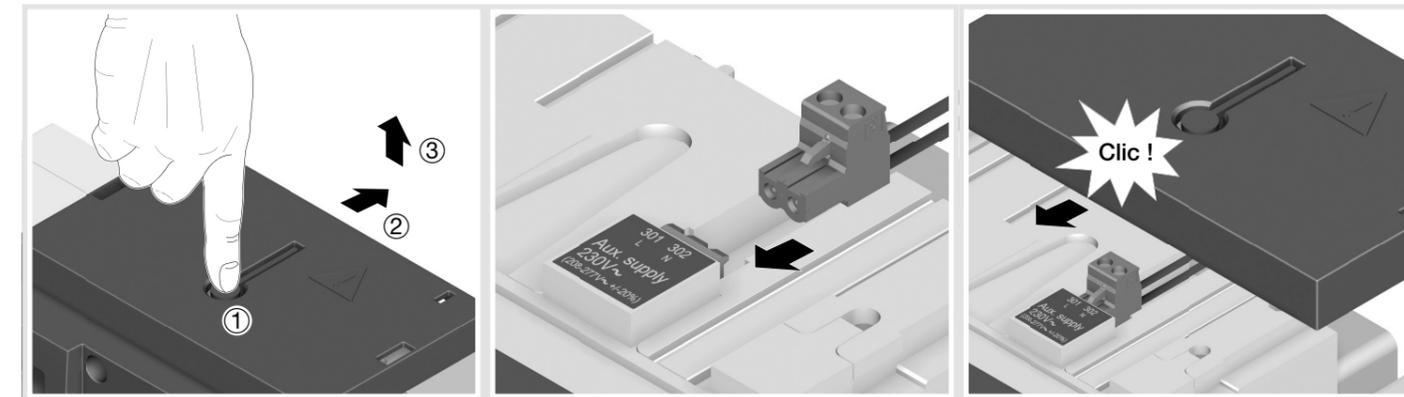
AVAIL. II I O

63A 64A 24 14 04 13

Use cables with 1,5 to 2,5mm² section.
Screw M3 - Tightening torque: min.: 0.5Nm - max.: 0.6Nm

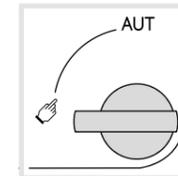
4. Power supply terminal

Remove the Top cover to access and connect the terminal - Replace the cover before putting in service.

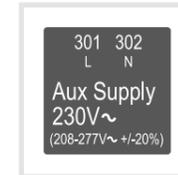


5. Check

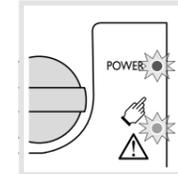
In manual mode,



check the wiring.
If OK power up the product.



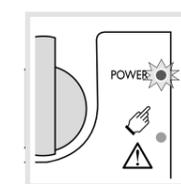
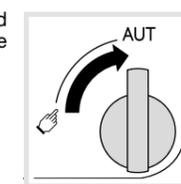
LED Green = "Power": ON
LED Red = "Manual/Default": ON



6A. Automatic operation

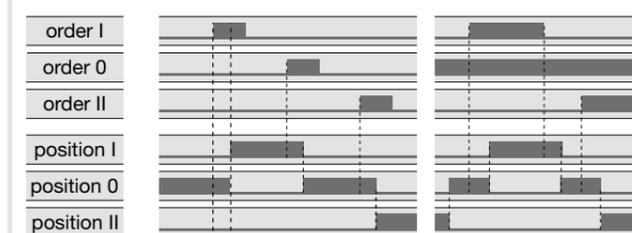
Ensure that the emergency handle is not inserted in the product and turn the mode selector to the AUT position.

LED Green = "Power": ON
LED Manual/Default: OFF

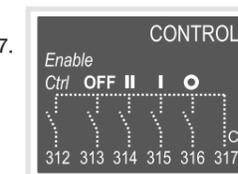


Impulse logic

Contactor logic

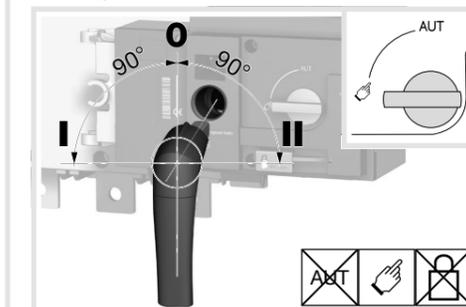


To enable control, close contact 312 with 317.
To force the product to 0 position/OFF bridge the contact 313 with 317.
For contactor logic bridge contact 316 with 317.
To operate: close the contact corresponding to the desired position.



6B. Manual operation

Operate the product by placing the handle in the desired position.



6C. Padlocking mode

(Standard: in position O)
Foreseen for max. 3 padlocks Ø 4-8mm

