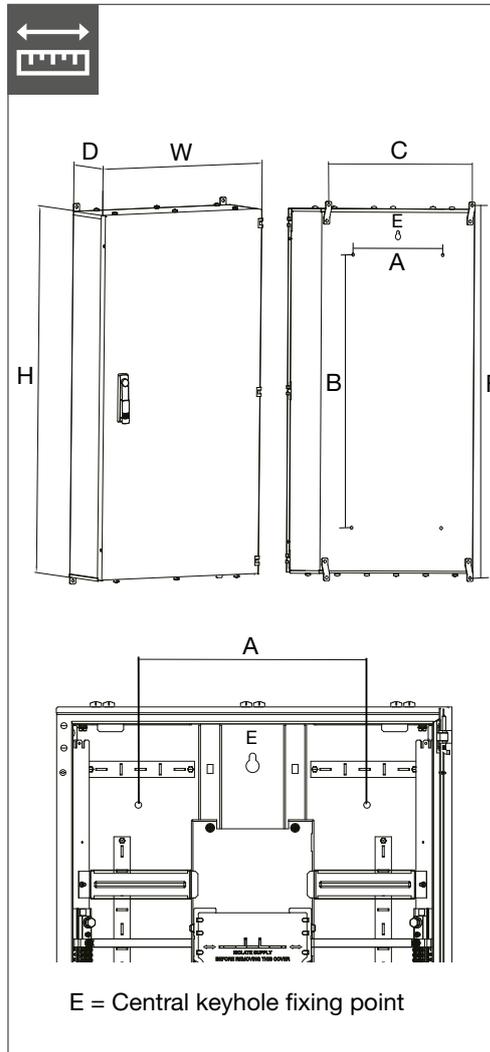
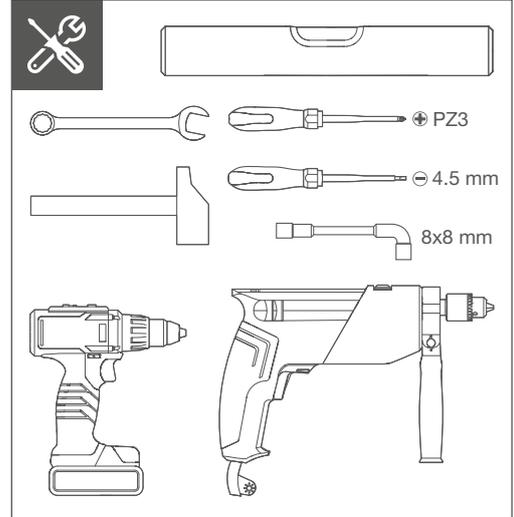
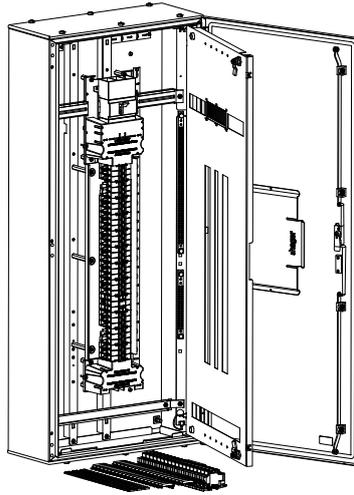
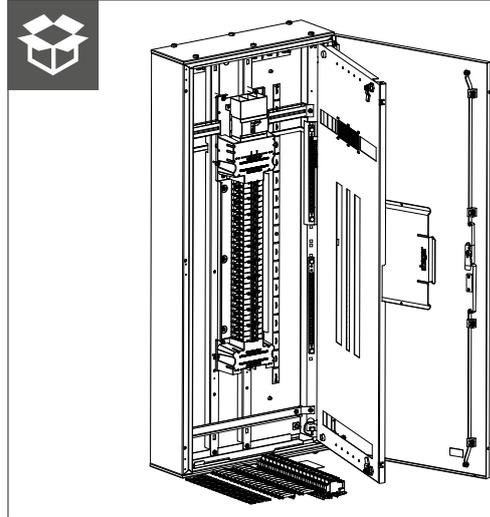
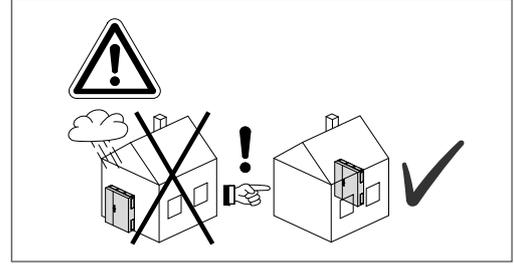


Performa Elite panelboard



E = Central keyhole fixing point

Dimensions		H	W	D	A	B	C	F
Elite fixed load								
JPE2400xxxxx	elite 24 poles	1000	600	250	350	700	560	1022
JPE3600xxxxx	elite 36 poles	1200	600	250	350	900	560	1222
JPE4800xxxxx	elite 48 poles	1200	600	250	350	900	560	1222
JPE6000xxxxx	elite 60 poles	1400	600	250	350	1100	560	1422
JPE7200xxxxx	elite 72 poles	1400	600	250	350	1100	560	1422
JPE9600xxxxx	elite 96 poles	1600	600	250	350	1300	560	1622
JPE0EXxxx	elite extension	400	600	250	350	150	560	422
Elite split load								
JPE1812xxxxx	18+12 poles	1200	600	250	350	900	560	1222
JPE2418xxxxx	24+18 poles	1200	600	250	350	900	560	1222
JPE3012xxxxx	30+12 Poles	1200	600	250	350	900	560	1222
JPE3618xxxxx	36+18 poles	1400	600	250	350	1100	560	1422
JPE3630xxxxx	36+30 poles	1400	600	250	350	1100	560	1422
JPE4212xxxxx	42+12 poles	1400	600	250	350	1100	560	1422
JPE4224xxxxx	42+24 poles	1400	600	250	350	1100	560	1422
JPE4818xxxxx	48+18 poles	1400	600	250	350	1100	560	1422
JPE4842xxxxx	48+42 poles	1600	600	250	350	1300	560	1622
JPE6030xxxxx	60+30 poles	1600	600	250	350	1300	560	1622
JPE7218xxxxx	72+18 poles	1600	600	250	350	1300	560	1622
JPE243624xxxxx	24+36+24 poles	1600	600	250	350	1300	560	1622
JPE363624xxxxx	36+36+24 poles	1800	600	250	350	1500	560	1822
JPE422430xxxxx	42+24+30 poles	1800	600	250	350	1500	560	1822

Safety instructions



Installation, modification and disassembly of the product may only be carried out by an authorised electrician in accordance with the relevant installation standards and safety regulations of the country. The final installation must fulfil all the requirements of the latest Edition of AS/NZS 3000.

These instruction is an integral part of the product and must be kept for the entire lifetime of the product.

Read these instructions carefully before starting any work and before using the product.

Mounting



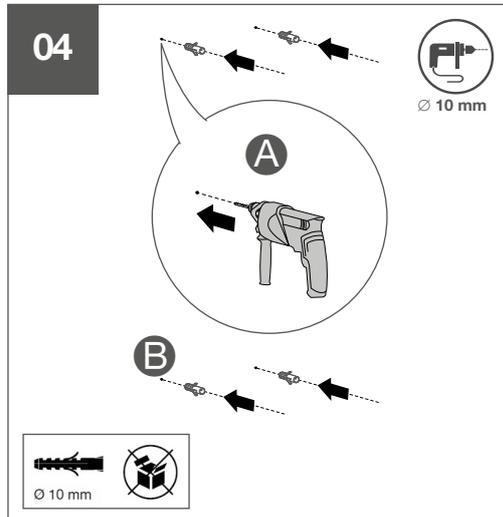
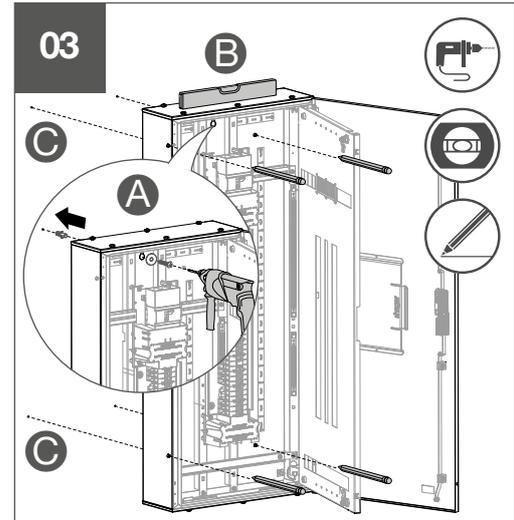
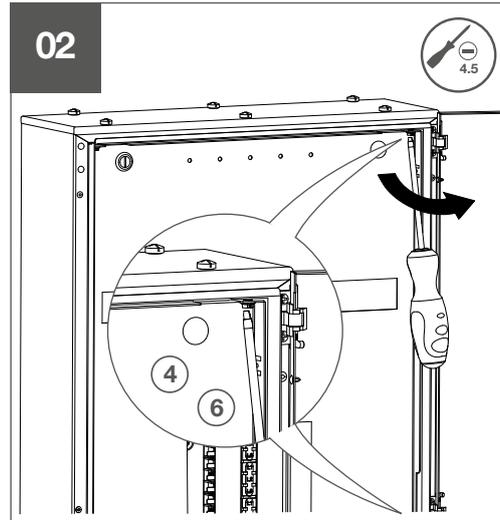
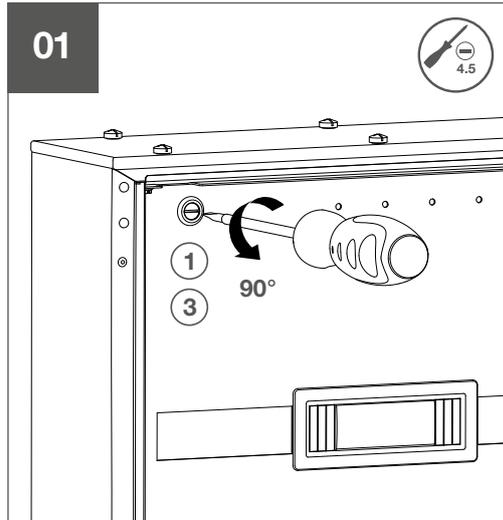
The installation location must be selected so that the load-bearing capacity of wall is suitable for the weight of the panelboard including all to built-in devices.

All cables must be routed via screwable cable entries on the panelboard or otherwise sealed. All panelboards have lockable doors and are suitable for restricted areas in accordance with AS/NZS 61439.

Before commissioning

- Check the arrangement and alignment of all devices and ensure that all devices are undamaged and all connections are securely tightened.

- After completing the installation, clean the panelboard and remove filings, material residues and other foreign objects.



Installing switchgears in the panelboard



Danger

Electric shock when live parts are touched!

An electric shock can lead to death!

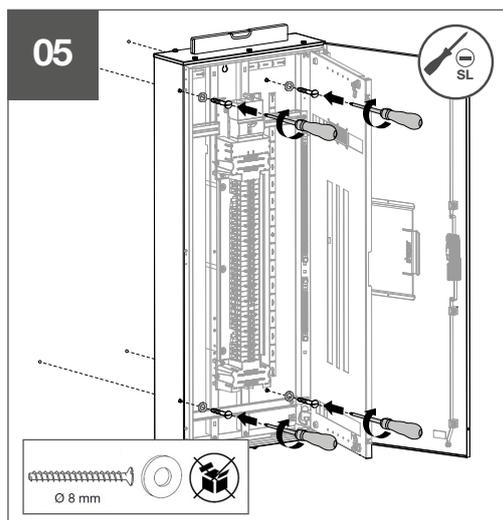
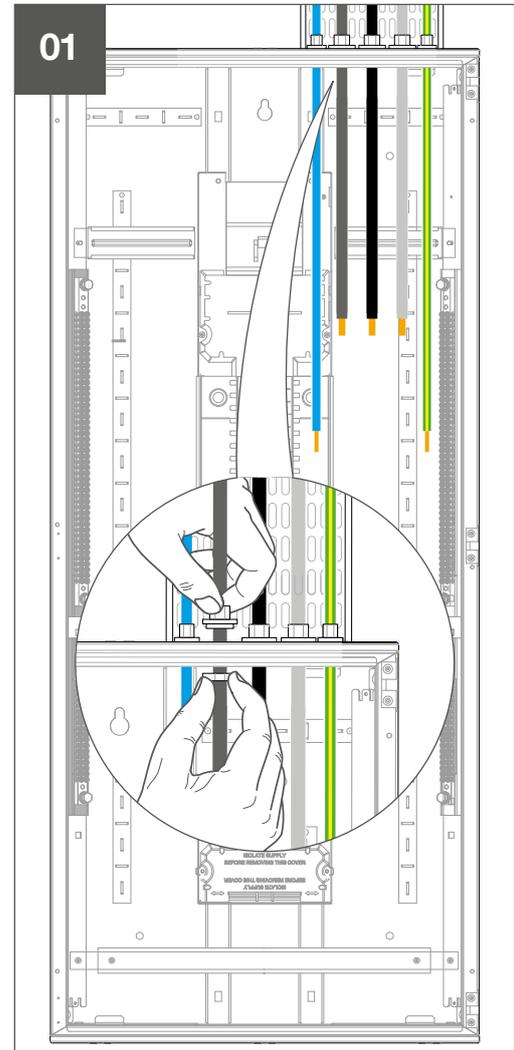
- Isolate all connection cables before working on the device and cover any live parts in the area!

The electrician must ensure that all installed devices are suitable and fulfil the required residual current values.

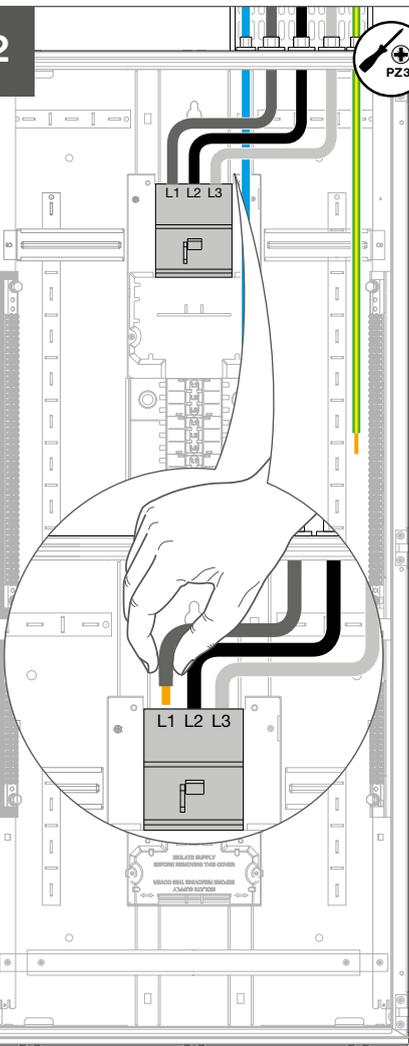
The enclosure of this panelboard has been developed for the installation of Hager MCBs and RCBOs with 10 kA. It is therefore recommended that only switchgears approved by Hager are installed, otherwise the guarantee may be invalidated.

If the fault level at the switchboard is higher than the MCBs allow, current-limiting fuses or circuit breakers must be backup them. For fuse protection levels, refer to Hager.

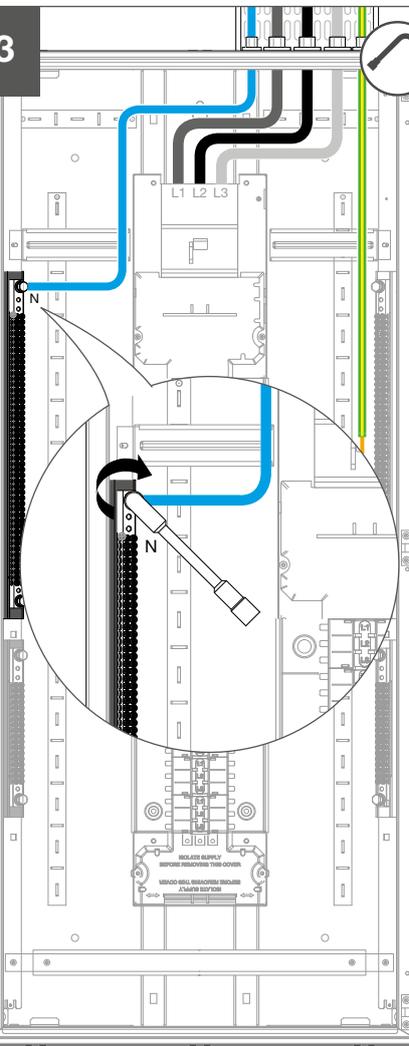
The devices must be mounted so that the DIN clips are facing the centre of the panelboard. Mechanical brackets and electrical connections can come loose during transport with installed devices. In this case, the electrician must ensure that all connections are firmly tightened before the system is put into operation.



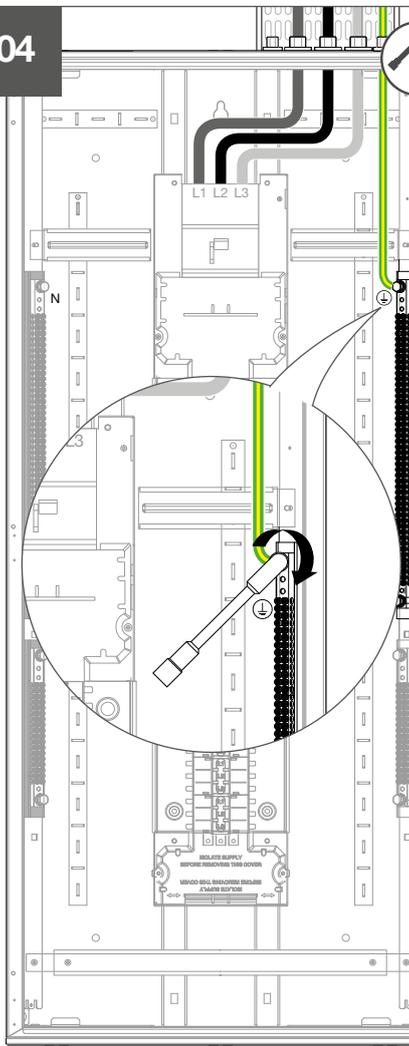
02



03

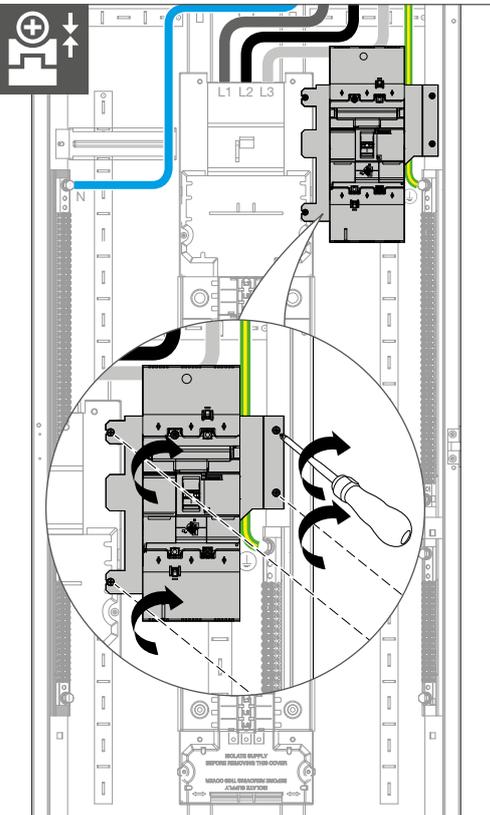


04



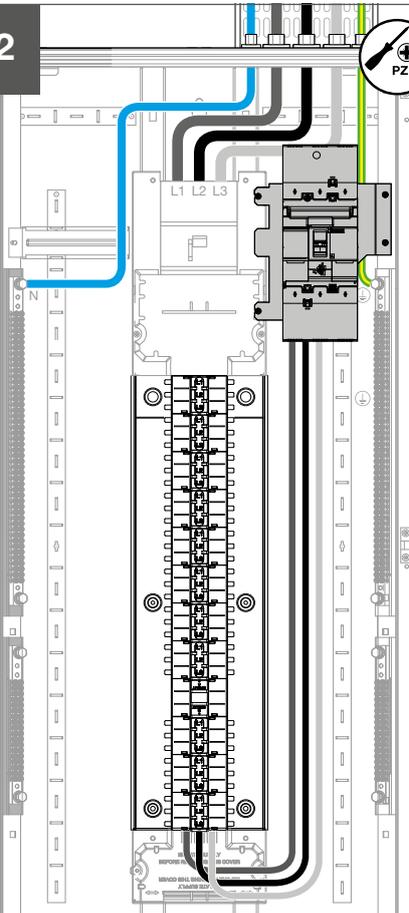
01

For split load chassis only!



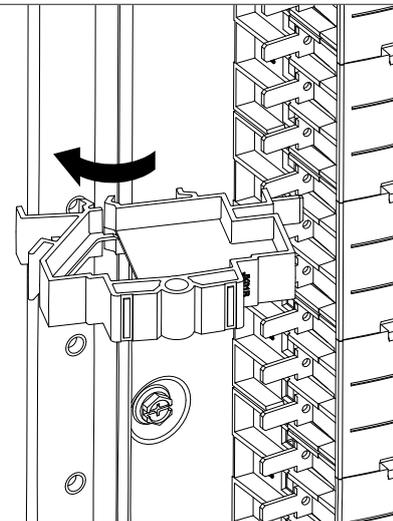
JPA0S160
 JPA0S250
 JPA0M160
 JPA0M200

02

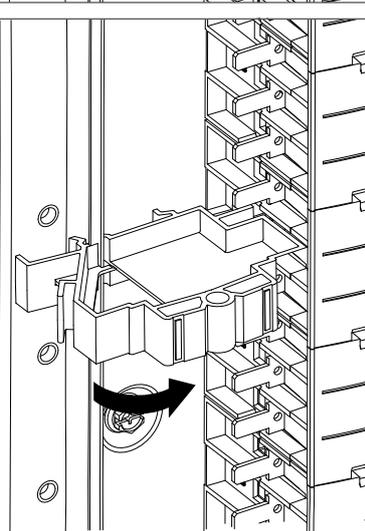


Wiring must be done in compliance with AS/NZS 3000.

01

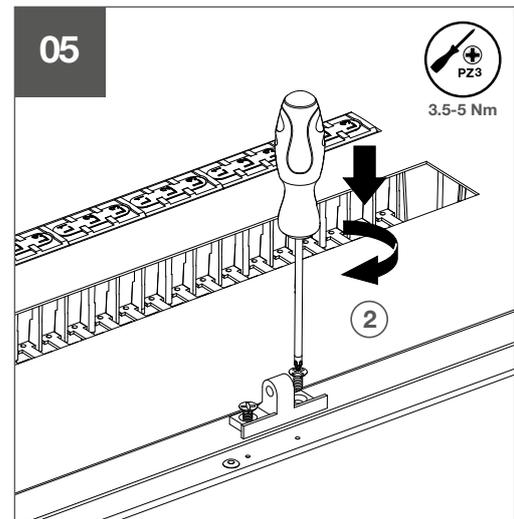
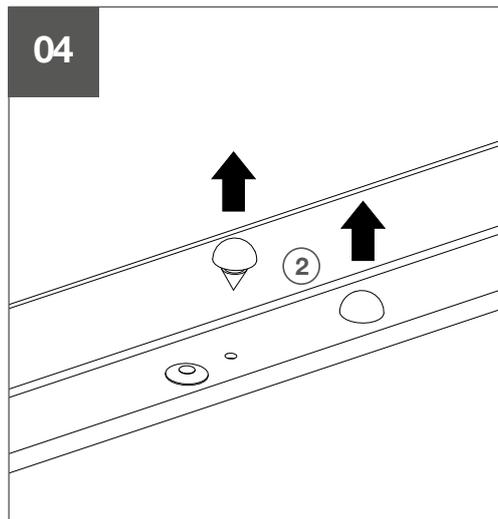
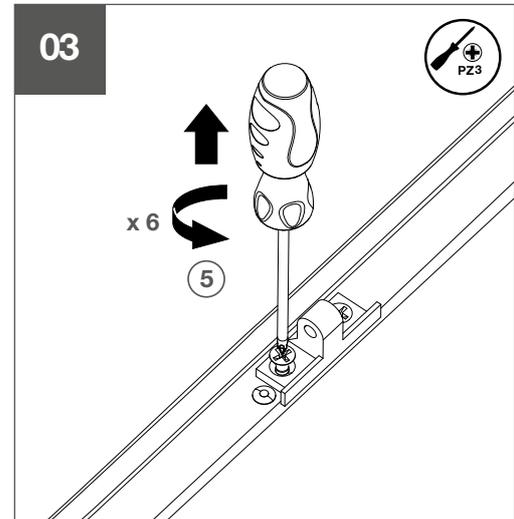
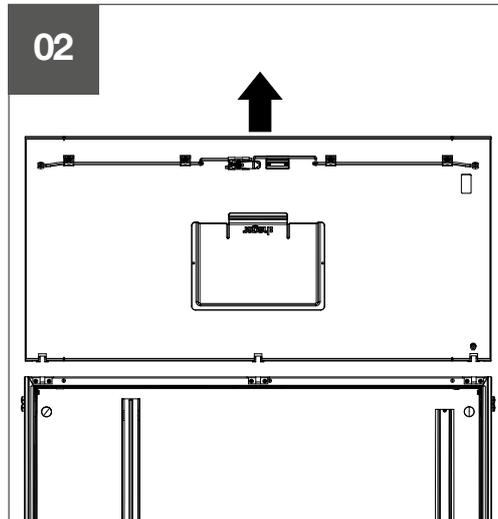
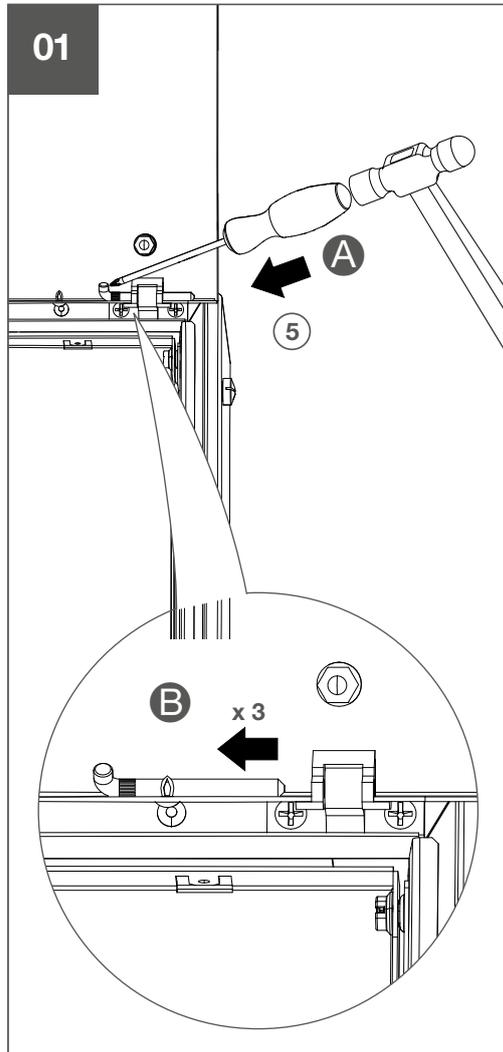
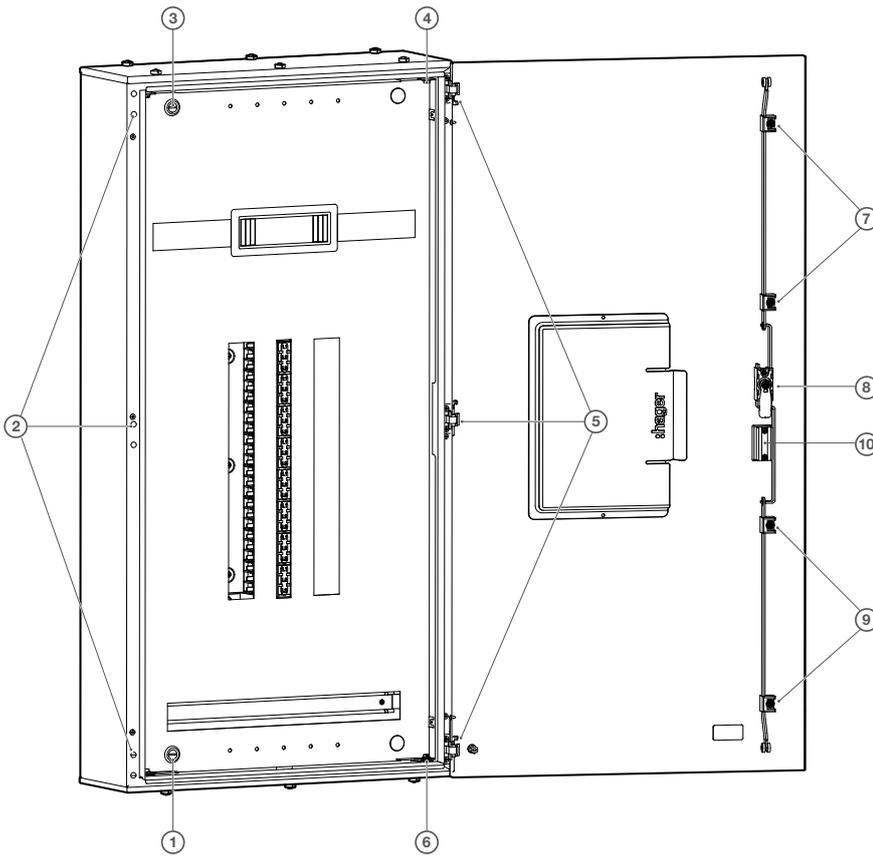


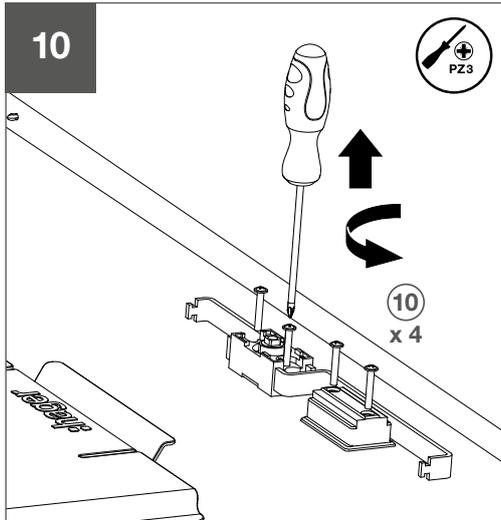
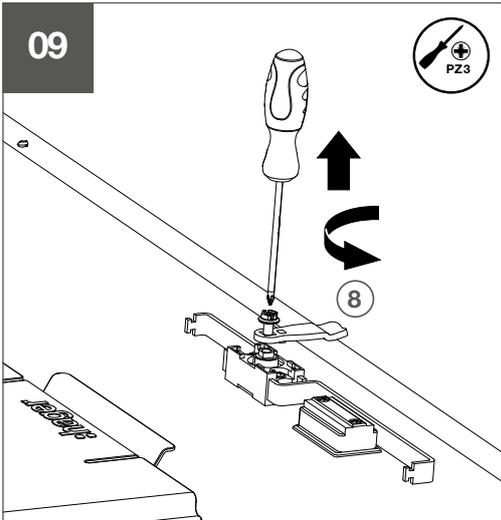
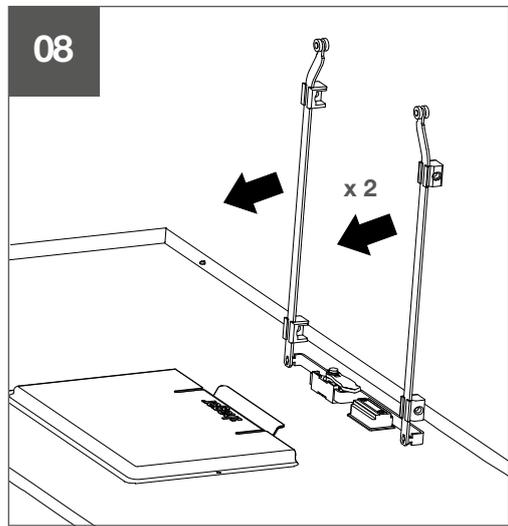
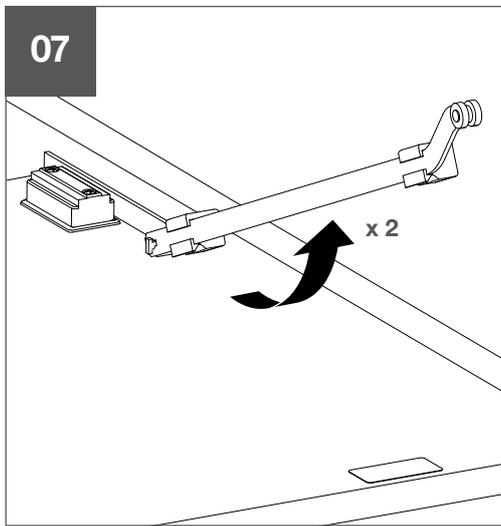
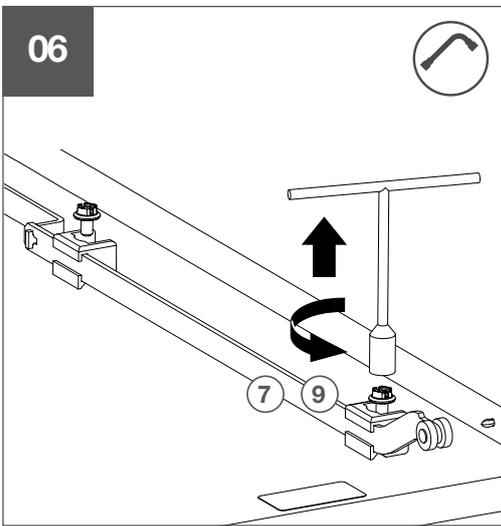
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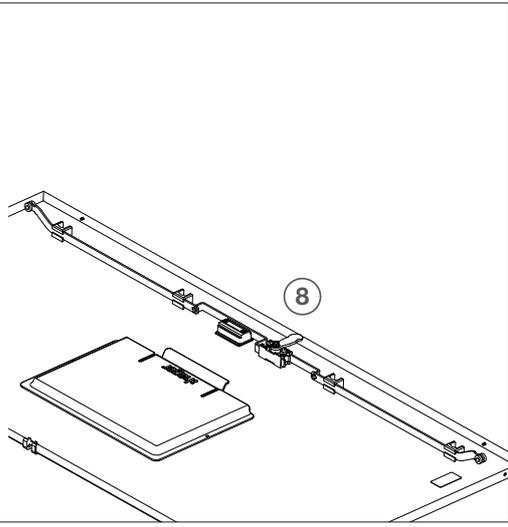
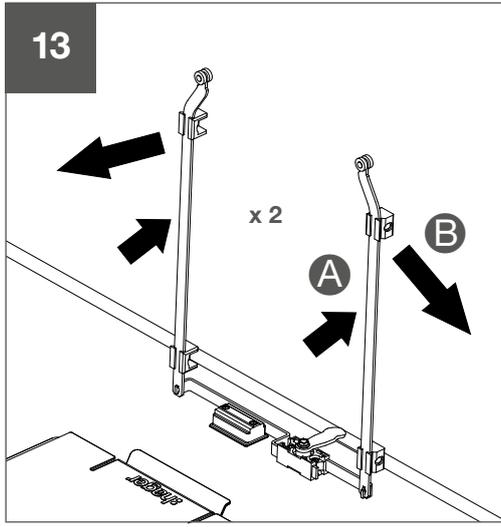
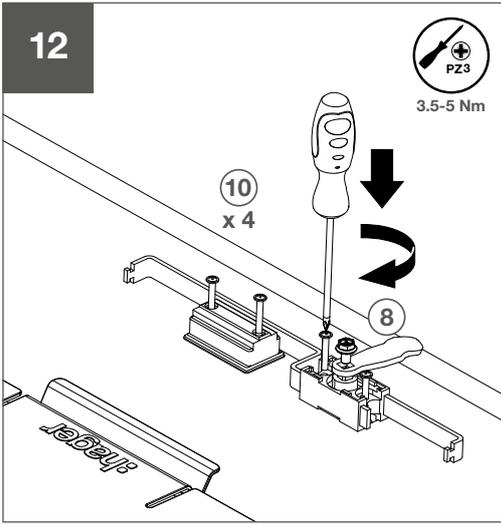
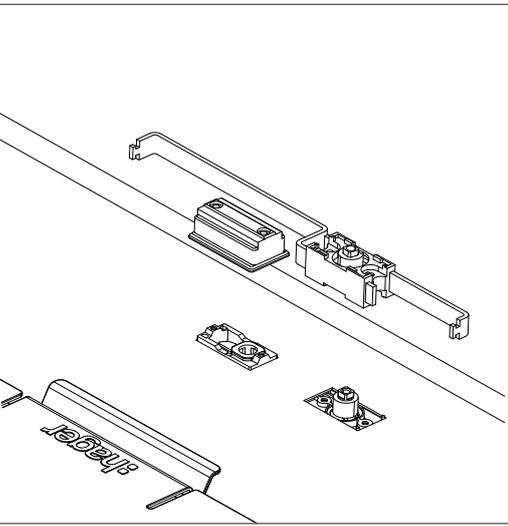
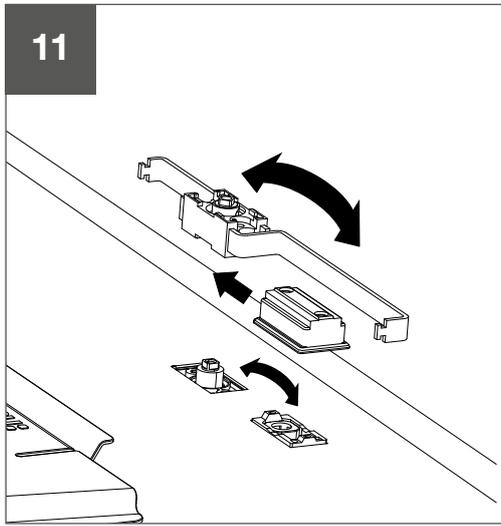
- 1 Remove the hinge pins in position ⑤.
- 2 Remove the door.
- 3 Remove the hinge screws in position ⑤.
- 4 Remove the rubber seals in position ②.
- 5 Install the hinge in position ②.
- 6 Remove the screws in position ⑦, ⑨.
- 7 Rotate the rod in 90°.
- 8 Remove the rod.
- 9 Remove the handle screws in position ⑧.
- 10 Remove the screws of the lock in position ⑩.

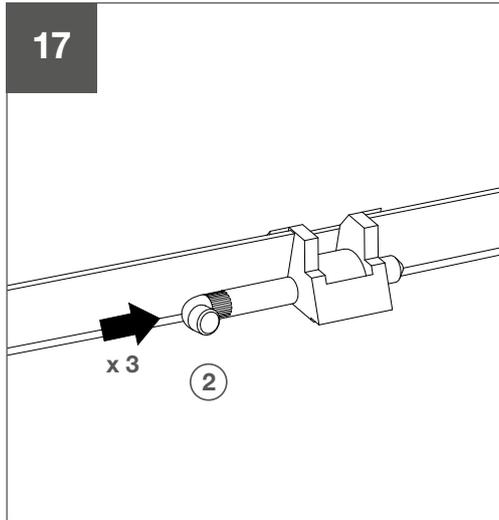
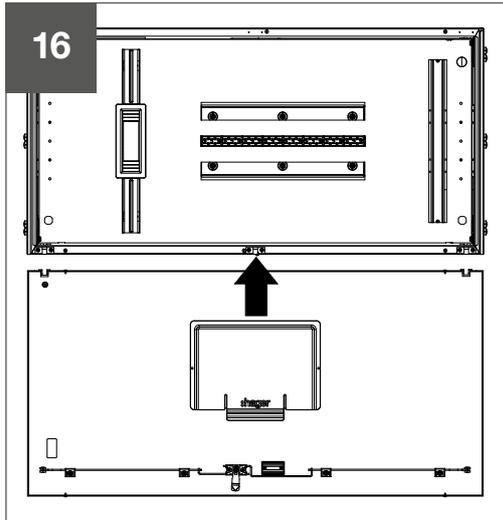
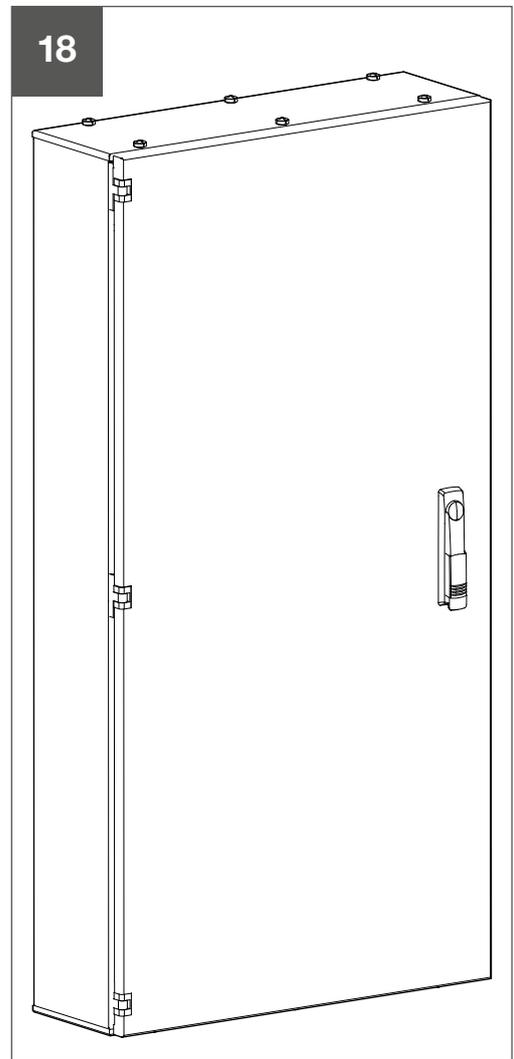
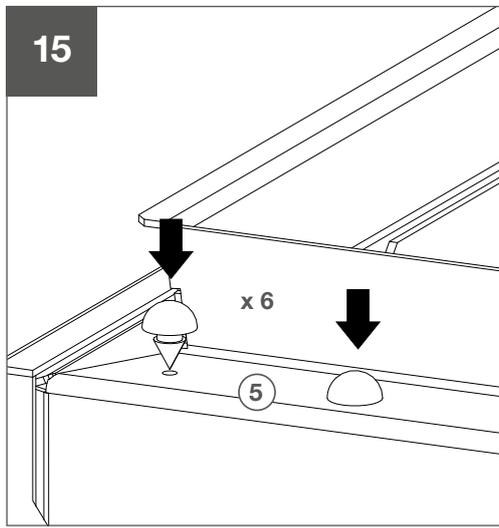
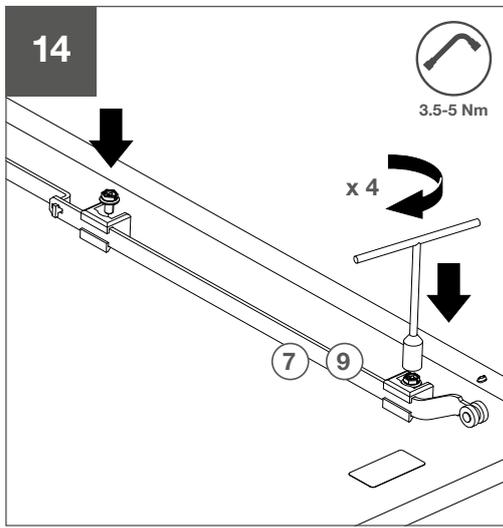




Assembly of the door in changed opening orientation

- ① Rotate the lock vertically 180° and the handle horizontally 180°.
- ② Install the handle screws in position ⑧ and the screws of the lock in position ⑩..
- ③ Install the cranes.
- ④ Install the screws in position ⑦, ⑨.
- ⑤ Install the rubber seals in position ⑤.
- ⑥ Install the door.
- ⑦ Install the hinge pins in position ②.





Technical data



Rated operational voltage U_n/U_e	415 V AC, 50/ 60 Hz
Rated insulation voltage U_i	690 V AC, 50/ 60 Hz
Rated impulse withstand voltage U_{imp}	4 kV
Degree of protection:	
- IP2XC opened door and sealed cable entries (with full compliment of devices pole fillers fitted)	
- IP66..... with door closed & cable entries sealed	
Stationary / movable	stationary only
Type of construction	fixed
Electrical connections	F (fixed)
Forms of internal separation	2a
Measure for protection of persons	direct/ indirect contact by the protective circuit
Service conditions	surface mount, indoor use only
Pollution degree	2
Mechanical impact	IK10
Rated Current (I_{na})	160 A Swd: 160 A c/w MCB's 160 A c/w RCBO's 250 A Swd: 250 A c/w MCB's 160 A c/w RCBO's 160 A MCCB: 160 A c/w MCB's 160 A c/w RCBO's 200 A MCCB: 200 A c/w MCB's 160 A c/w RCBO's

Rated current of an outgoing circuit (I_{nC})

- MCB 0.5 - 63 A (marked rated current on device)
- RCBO 6 - 50 A (marked rated current on device)

Electromagnetic compatibility (EMC) classification	EMC Environment B
External design	wall-mounted, surface type, enclosed assembly
The type of construction	fixed parts
DBO Type	Type B DBO
Wired according to	AS/NZS 3000
Earth and Neutral Links	
Neutral bars	integrated
Neutral bar size (mm)	12.5 x 16
Split neutral	as standard
Earth bars	on both sides (fixed load) on one side (split load)
Earth bar size (mm)	12.5 x 16
Earth and neutral bar tunnels	single screw tunnel \varnothing 7 mm (up to 25 mm ² cable) solid and stranded conductors
Earth and neutral bar connection	single stud (M6 = 2.5 Nm)
Earth and neutral bar rating	250 A