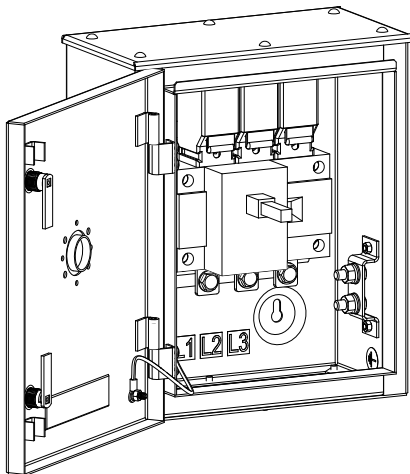
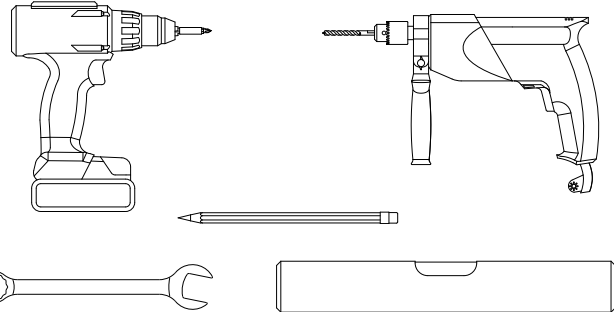
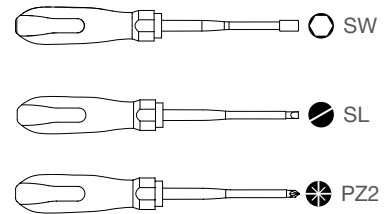
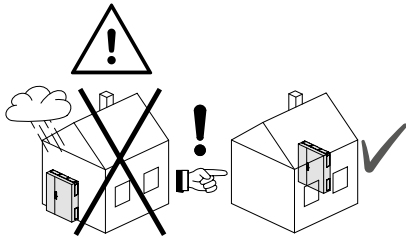
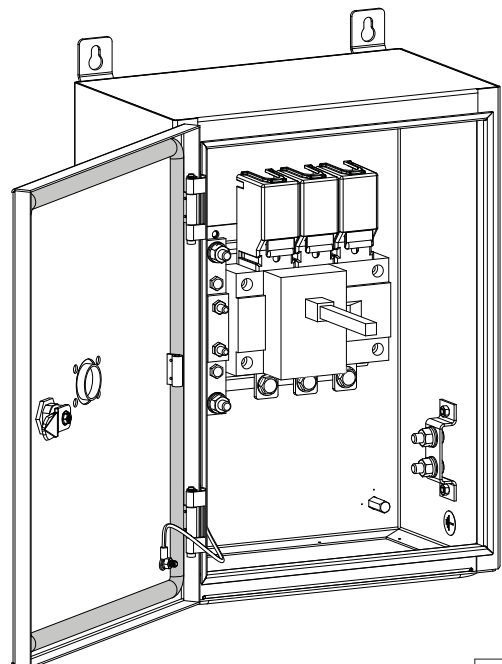


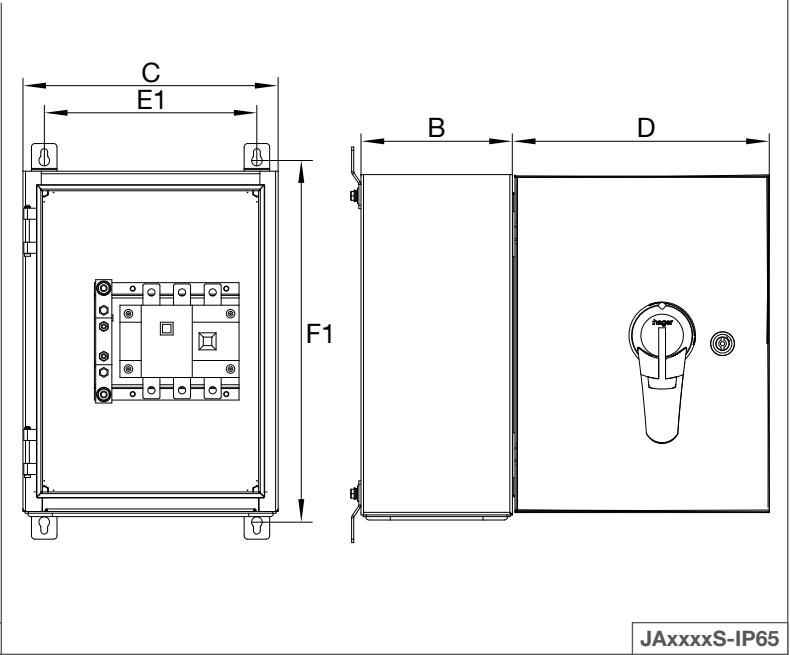
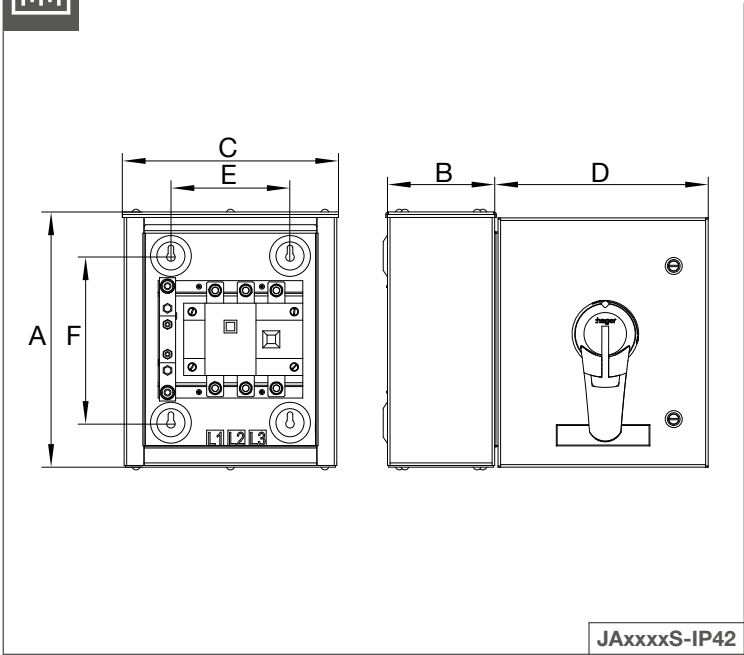
Enclosed load breaker switch IP42/ IP65



JAxxxxS-IP42



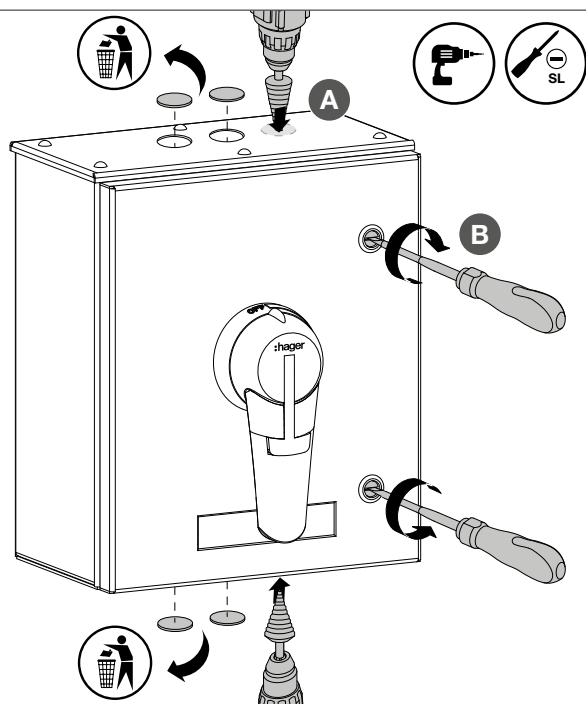
JAxxxxS-IP65



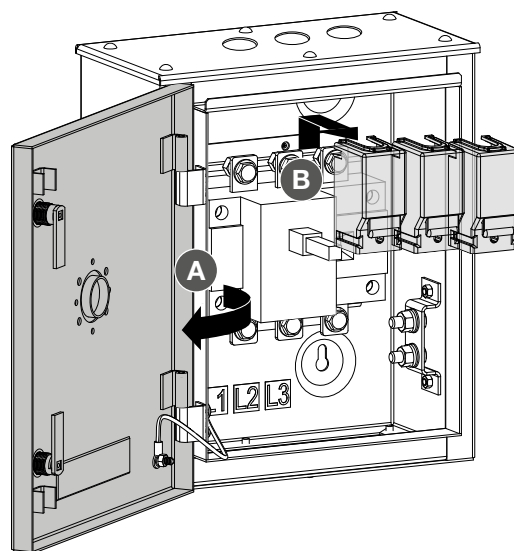
IP degree		Dimensions [mm]						Cable Capacity ^[1] [mm ²]
IP42, 3 Phases	IP42, 4 Phases	A	B	C	D	E	F	
JAB302S-IP42	JAB402S-IP42	250	105	180	177	105	152	20 A → 4...16
JAB303S-IP42	JAB403S-IP42	250	105	180	177	105	152	32 A → 6...16
JAB304S-IP42	JAB404S-IP42	250	105	180	177	105	152	40 A → 10...16
JAB306S-IP42	JAB406S-IP42	250	105	180	177	105	152	63 A → 16
JAB310S-IP42	JAB410S-IP42	250	150	200	197	130	152	100 A → 35
JAC312S-IP42	JAC412S-IP42	300	150	250	247	140	196	125 A → 50
JAC316S-IP42	JAC416S-IP42	300	150	250	247	140	196	160 A → 70
JAE320S-IP42	JAE420S-IP42	400	200	375	372	265	292	200 A → 95
JAE325S-IP42	JAE425S-IP42	400	200	375	372	265	292	250 A → 120
JAG331S-IP42	JAG431S-IP42	500	200	375	372	265	380	315 A → 185
JAG340S-IP42	JAG440S-IP42	500	200	375	372	265	380	400 A → 240
JAH363S-IP42	JAH463S-IP42	650	300	500	497	390	529	630 A → 185x2
JAH380S-IP42	JAH480S-IP42	650	300	500	497	390	529	800 A → 240x2
IP65, 3 Phases	IP65, 4 Phases	A	B	C	D	E1	F1	
JAB302S-IP65	JAB402S-IP65	300	200	300	300	250	345	20 A → 4...16
JAB303S-IP65	JAB403S-IP65	300	200	300	300	250	345	32 A → 6...16
JAB304S-IP65	JAB404S-IP65	300	200	300	300	250	345	40 A → 10...16
JAB306S-IP65	JAB406S-IP65	300	200	300	300	250	345	63 A → 16
JAB310S-IP65	JAB410S-IP65	300	200	300	300	250	345	100 A → 35
JAC312S-IP65	JAC412S-IP65	400	200	300	300	250	445	125 A → 50
JAC316S-IP65	JAC416S-IP65	400	200	300	300	250	445	160 A → 70
JAE320S-IP65	JAE420S-IP65	600	250	400	400	350	645	200 A → 95
JAE325S-IP65	JAE425S-IP65	600	250	400	400	350	645	250 A → 120
JAG331S-IP65	JAG431S-IP65	700	250	500	500	450	745	315 A → 185
JAG340S-IP65	JAG440S-IP65	700	250	500	500	450	745	400 A → 240
JAH363S-IP65	JAH463S-IP65	800	300	600	600	550	845	630 A → 185x2
JAH380S-IP65	JAH480S-IP65	800	300	600	600	550	845	800 A → 240x2

^[1] IEC61439.1 table 11 & table 12

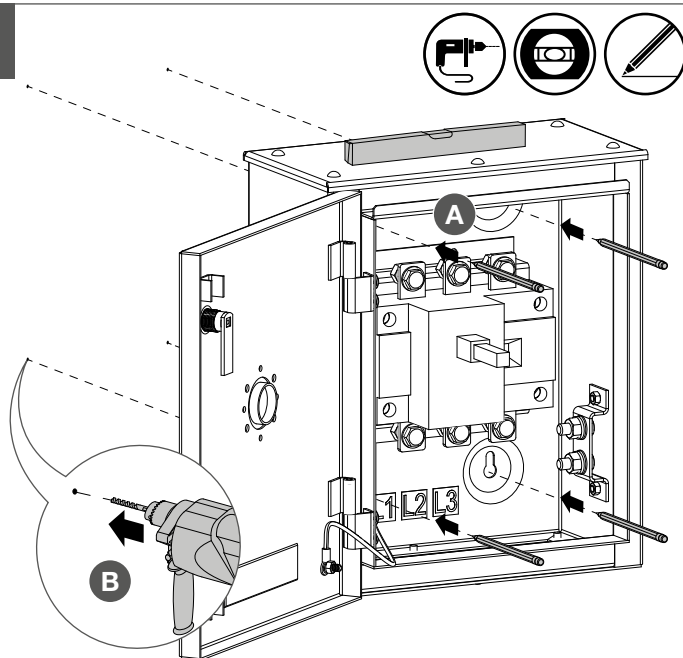
01



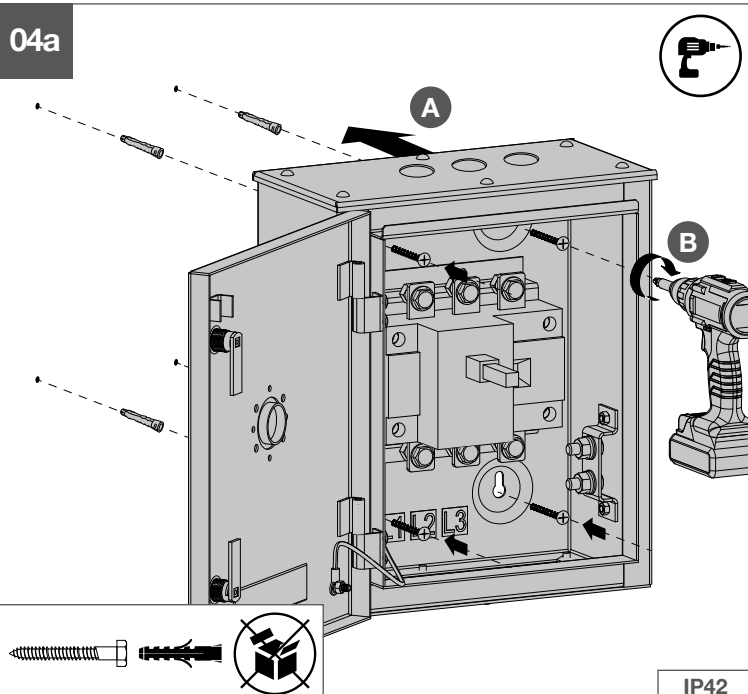
02



03

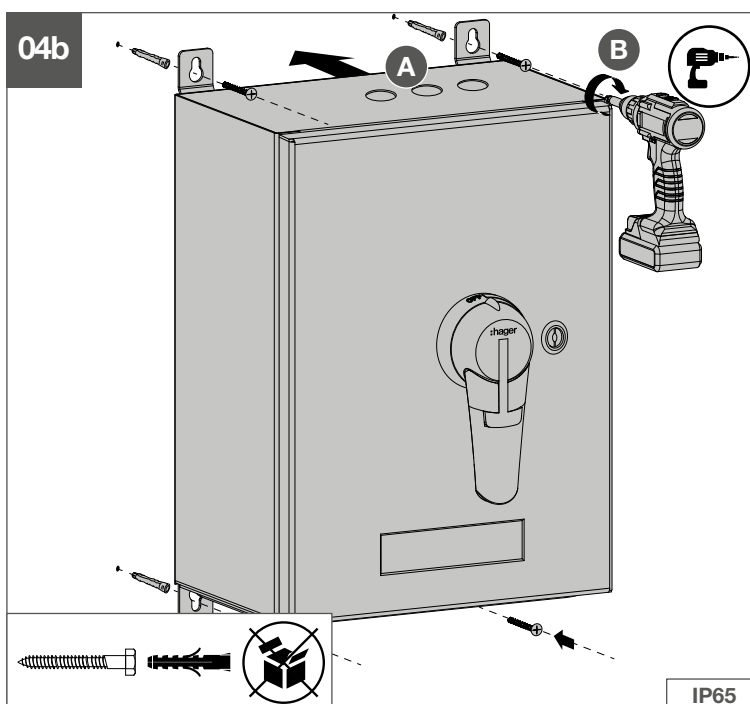


04a



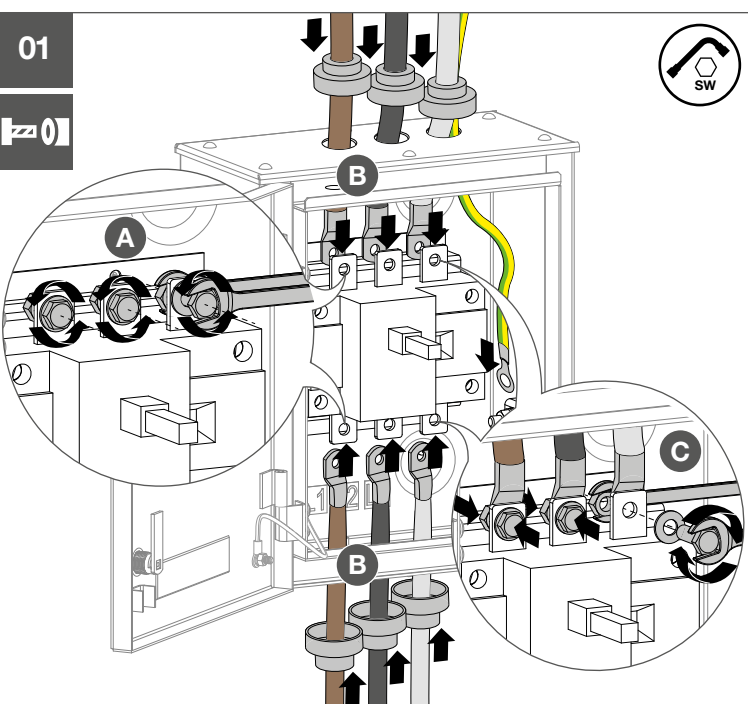
IP42

04b

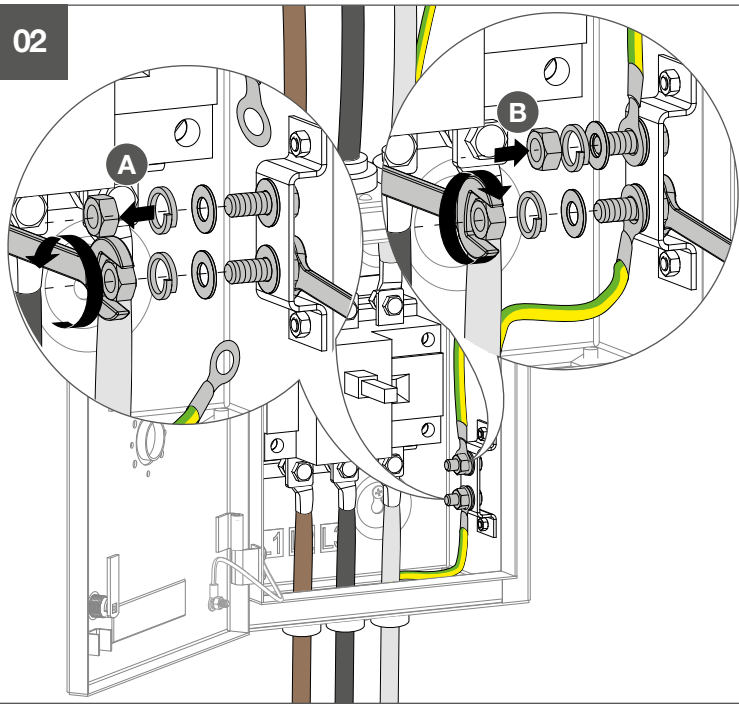


IP65

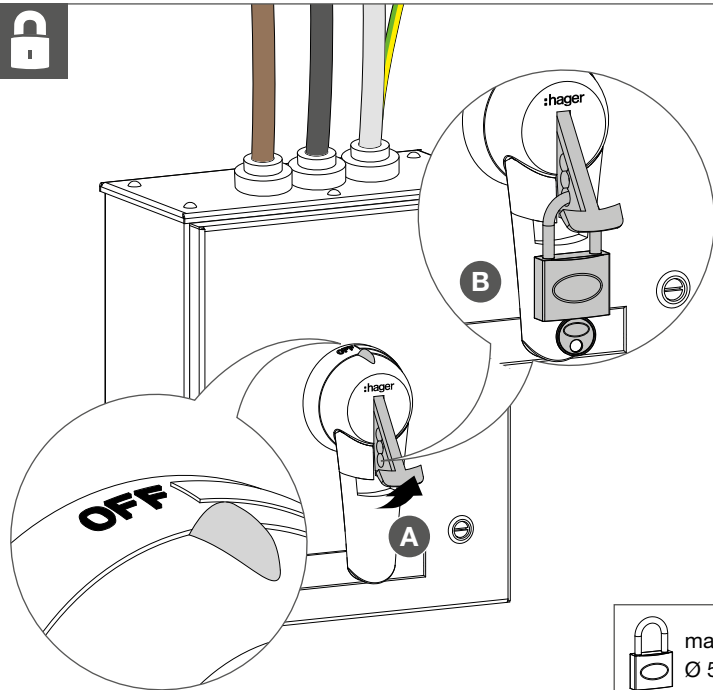
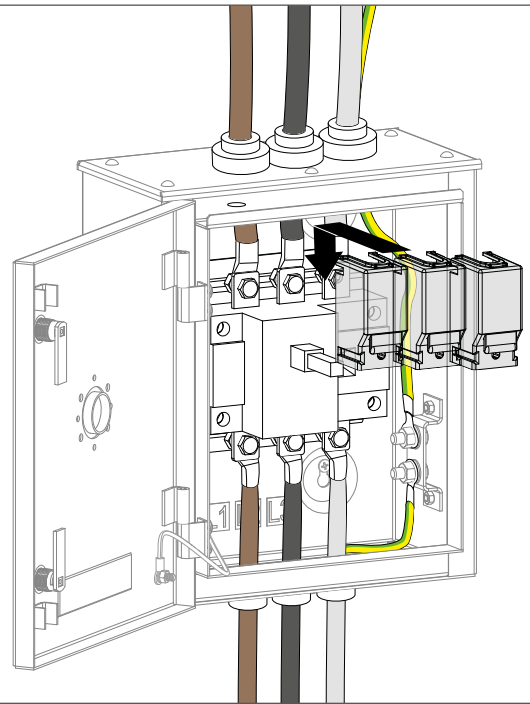
01



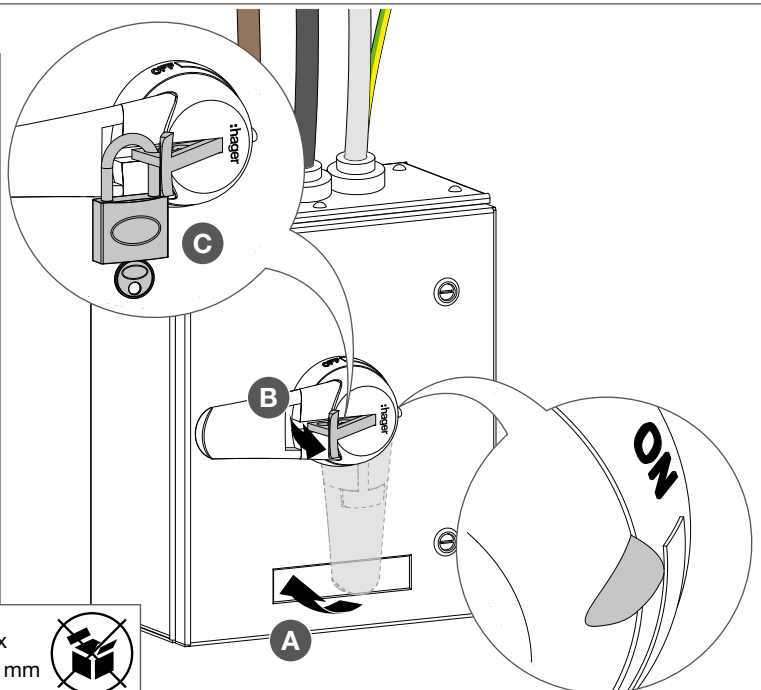
02



03



max. 3 x
Ø 5...8 mm



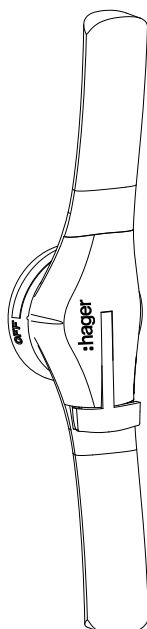
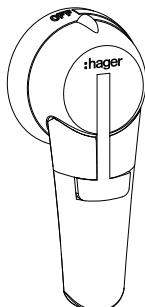
20 ... 60 A

125 ... 630 A

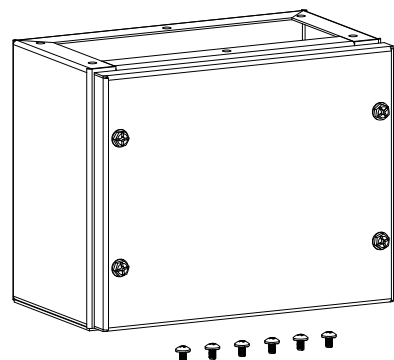
800 A



100 A

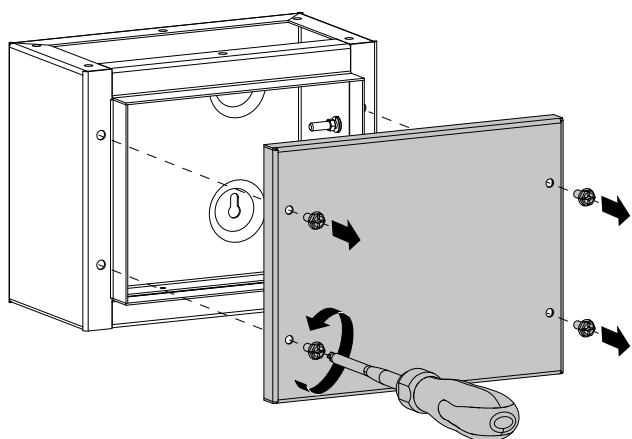


Extension box

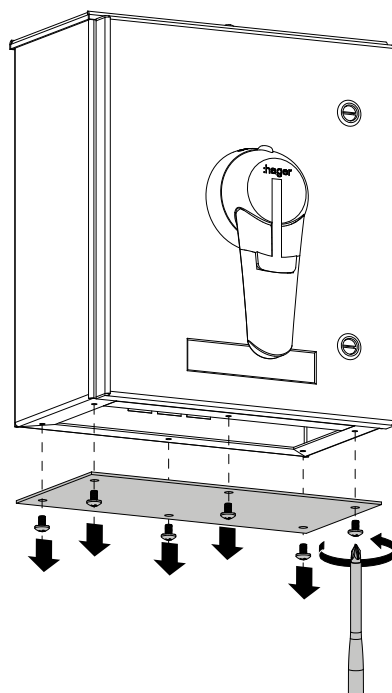


JZA700
JZA701
JZA702

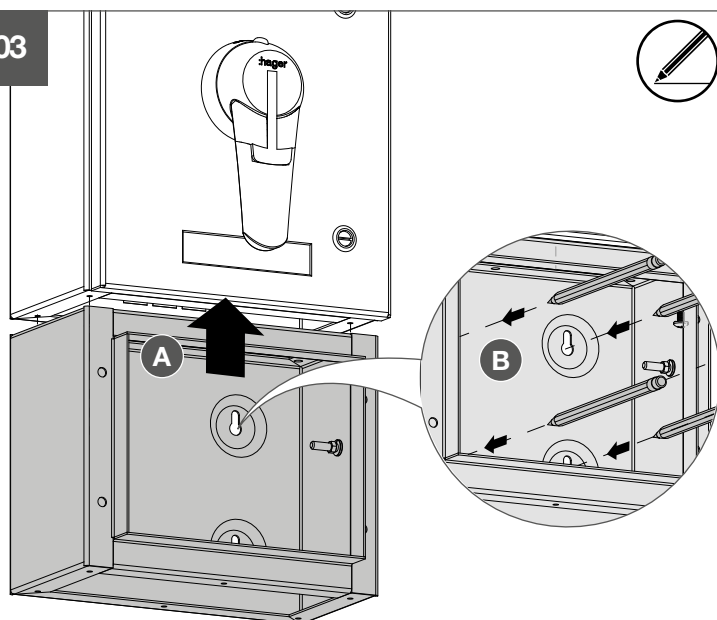
01



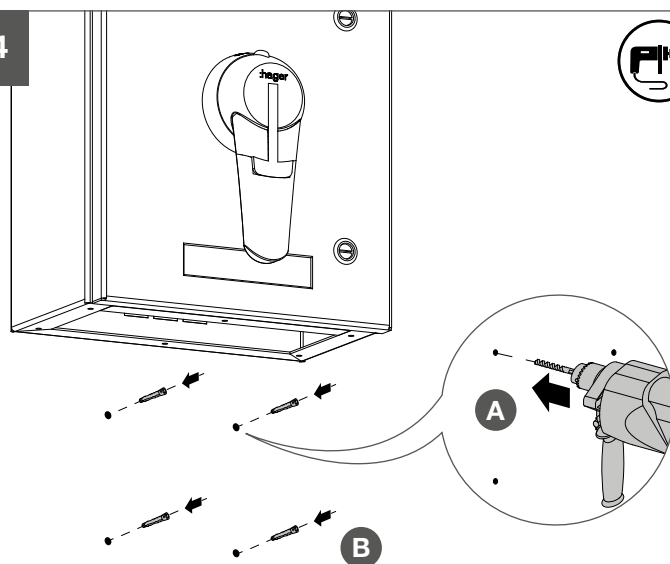
02



03



04



M6

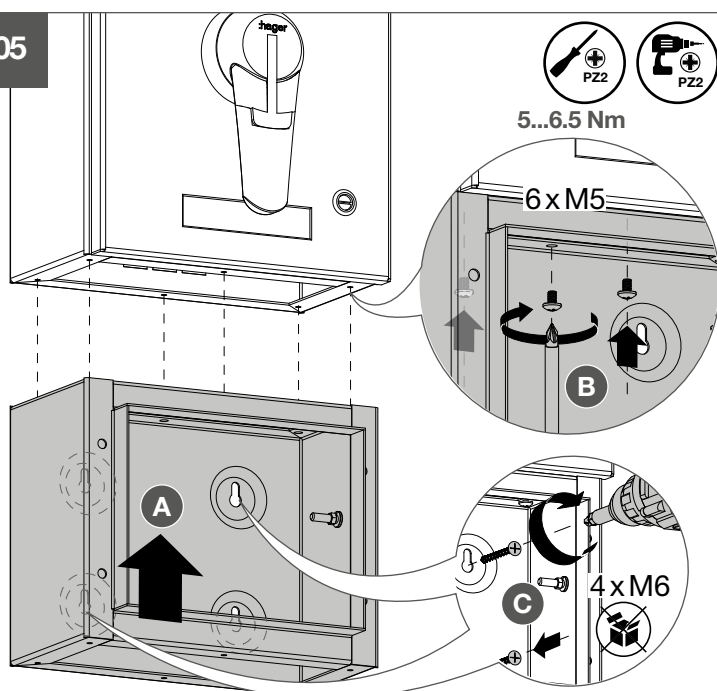


05



5...6.5 Nm

6 x M5



06



M6

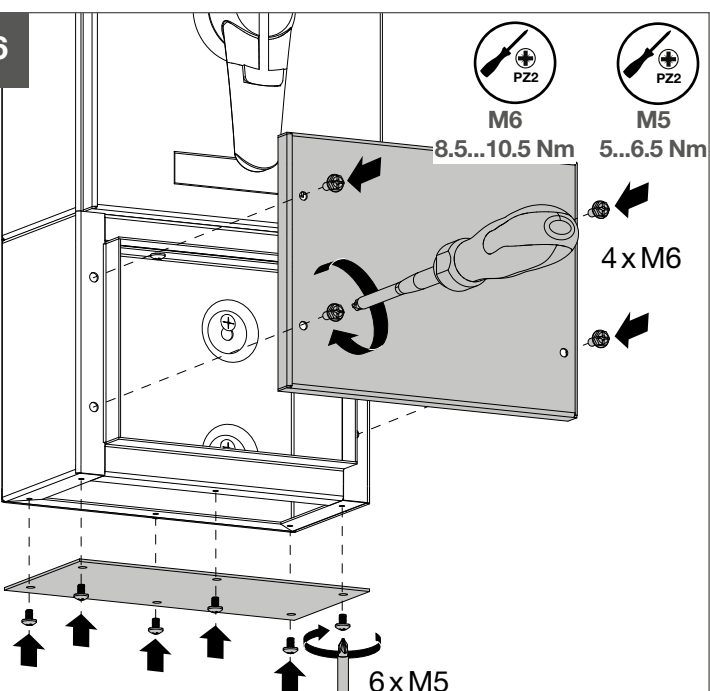
8.5...10.5 Nm

M5

5...6.5 Nm

4 x M6

6 x M5



Reference Extension box	Height [mm]	Width [mm]	Depth [mm]	Suitable for
JZA700	200	250	150	JAC312xx, JAC412xx
				JAC316xx, JAC416xx
JZA701	200	375	200	JAE320xx, JAE420xx
				JAE325xx, JAE425xx
				JAG331xx, JAG431xx
				JAG340xx, JAG440xx
JZA702	250	500	300	JAH363xx, JAH463xx
				JAH380xx, JAH480xx

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 BS EN IEC 60947-3.

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 enclosure including all to built-in devices/ materials.


All cables must be routed via screwable cable entries on the enclosure or otherwise sealed.

All enclosures are suitable for restricted areas in accordance with BS EN IEC 60947-3.

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

Installation





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!

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.

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

Technical data



Characteristics	
Utilization category	AC-23A
Current carrying capability	
I _e [A]	20, 32, 40, 63, 100, 125, 160, 200, 250, 315, 400, 630, 800 A
I _{the} [A]	20, 32, 40, 63, 100, 125, 160, 200, 250, 315, 400, 630, 800 A
Voltage ratings	
U _e	415 V
U _i	800 V for 20 A ≤ I _e ≤ 250 A 1000 V for 315 A ≤ I _e ≤ 800 A
U _{imp} [kV]	8 kV for 20 A ≤ I _e ≤ 250 A 12 kV for 315 A ≤ I _e ≤ 800 A
Rated frequency f _n [Hz]	50/60 Hz
Installation environment	
Location type	Indoor
IP	IP42: JAxxxxS-IP42
	IP65: JAxxxxS-IP65
IK	IK05
pollution degree	3
Resistance to UV radiation	Not applicable
Installation method	
Mounting type	Surface Mounted
Gland plate	Removable
construction type	Fixed
stationary / movable	Stationary only
Electrical connections	F (Fixed)
Device configuration	
Enclosure configuration	
Enclosure body type	IP42: 1.5 mm SPCC IP65: 1.5 mm SECC
Enclosure paint type	Powder coat Grey white RAL 9002 for IP42, RAL7035 for IP65 range
cable entry	cable entry point in endplate
Handle information	
Handle IP	IP55/IP65
Padlock	lockable in position ON and OFF