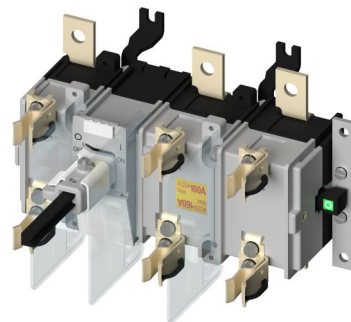


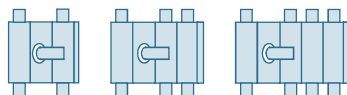
SIEMENS

SENTRON SUPERSWITCH

Switch Disconnecter Fuse - Size 2



3KL82...-.. (100A-160A)
3KA82...-.. (100A-160A)



IEC 60947-1
IEC 60947-3



Operating Instruction



EN

⚠ DANGER

Hazardous voltage will cause death or serious injury. Turn off and lock out all power supplying this device before working on this device. Replace all covers before power supplying this device is turned on.



NOTICE

Installation & Maintenance must be carried out by qualified personnel.



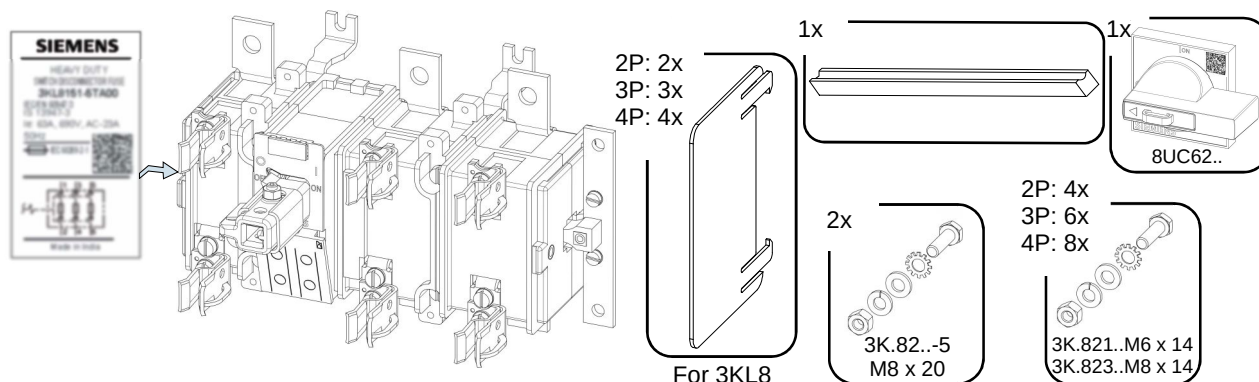
Required tools



cal. ISO 6789



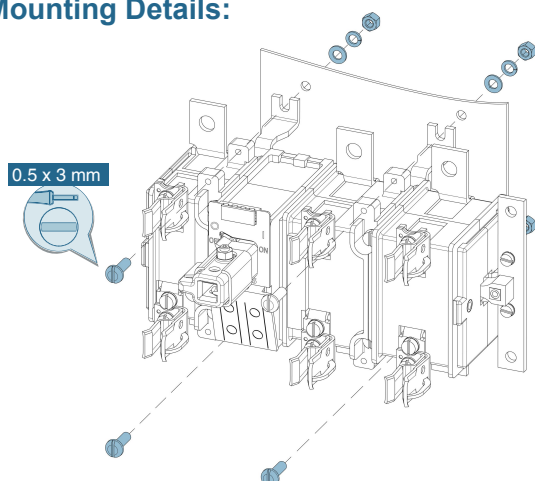
Contents



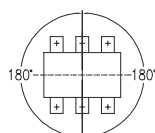
Assembly



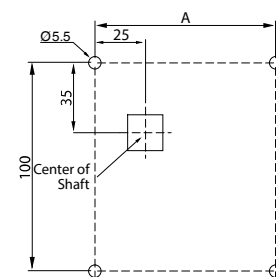
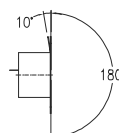
Mounting Details:



2P/3P/4P : M5 x 20 (4x)
Torque 1.5....2.1 Nm
(Not in scope of supply)



Permissible mounting position

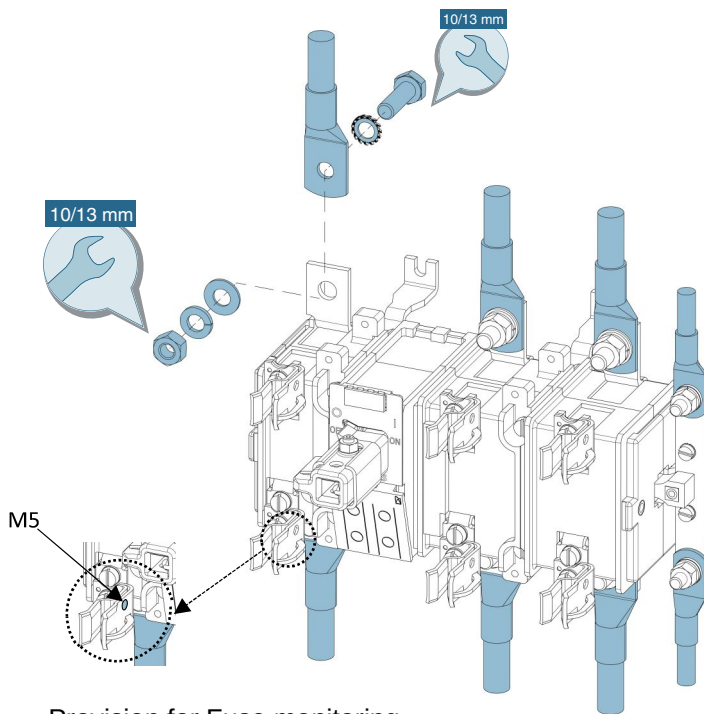


Drilling Plan for mounting plate

POLE	A
2P	90
3P	90
4P	145



Connection



Provision for Fuse monitoring

3KL821.../3KA821....

3KL822.../3KA822....

Max. Lug Size.... 70mm²

M6 x 20, Torque 6 Nm to 7.5 Nm

3KL823...../3KA823....

Max. Lug Size.... 95 mm²

M8 x 20, Torque 7 Nm to 10 Nm

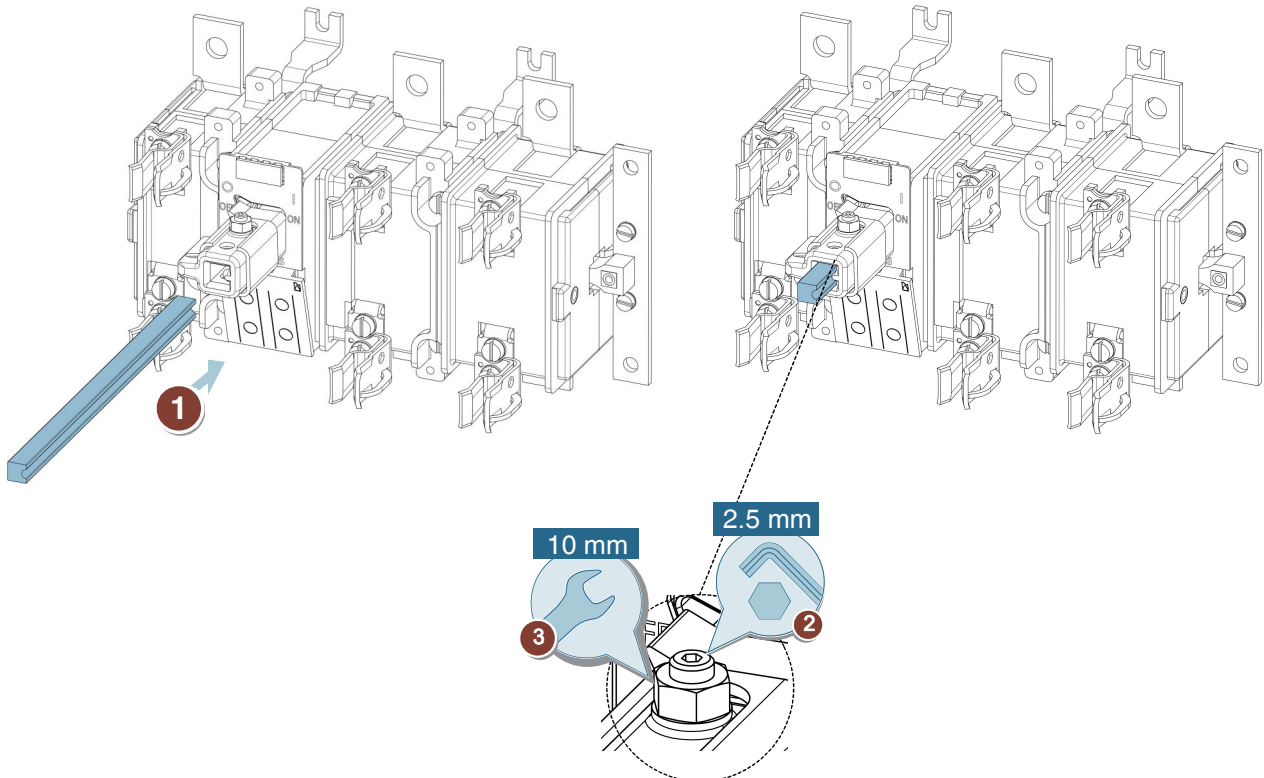
M6 x 20, Torque 6 Nm to 7.5 Nm



Assembly



Installation of Shaft



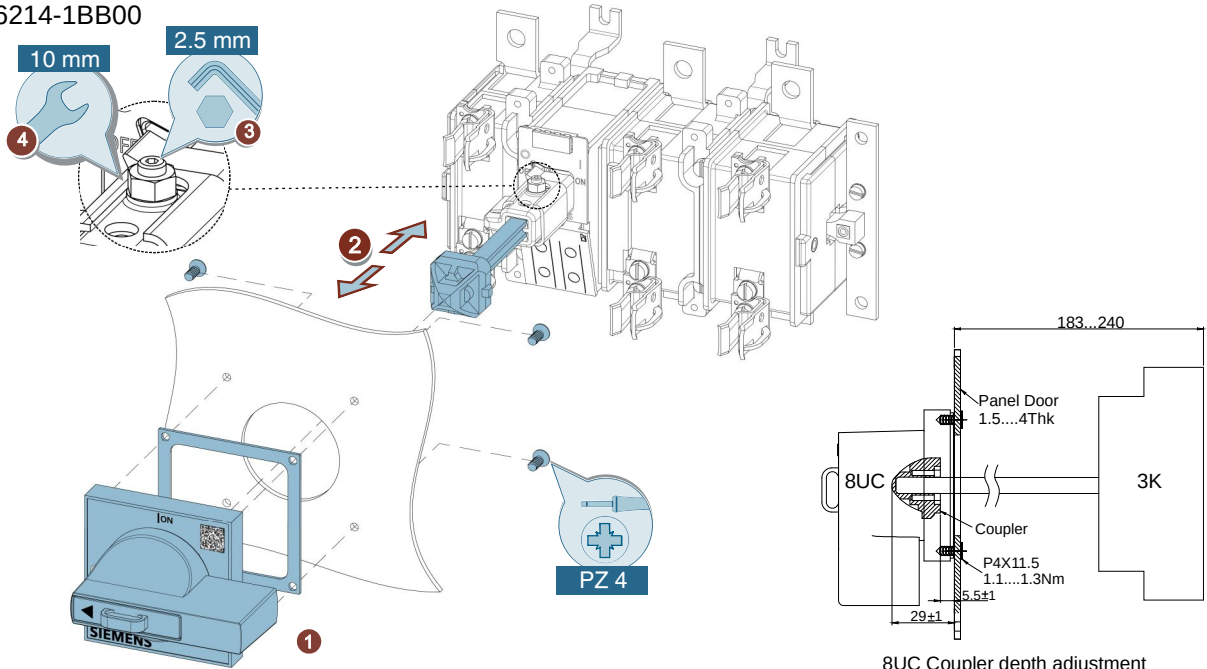


Assembly



Mounting Details for Front Drive

8UC6214-1BB00



EN

WARNING

Notice : Possible damage if adjusted beyond limits

8UC Coupler depth adjustment
Use Depth Setting Templet - 8UC6046-2

Adjust Depth of Drive as per dimensional plan



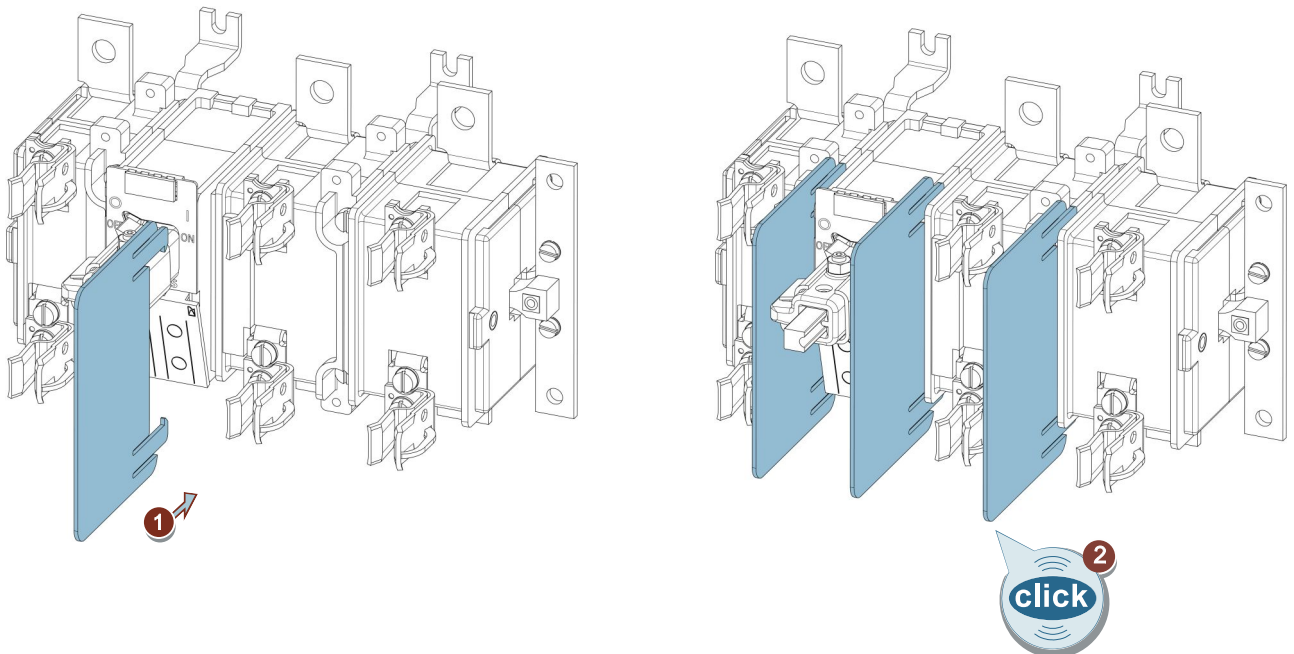
Assembly



Phase Barrier:

DIN: 3KX81530AE

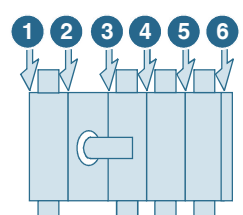
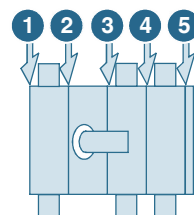
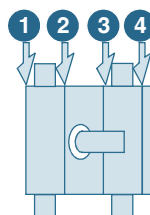
BS : 3KX82330JE



2P : Phase Barrier in position 2 & 3 are essential

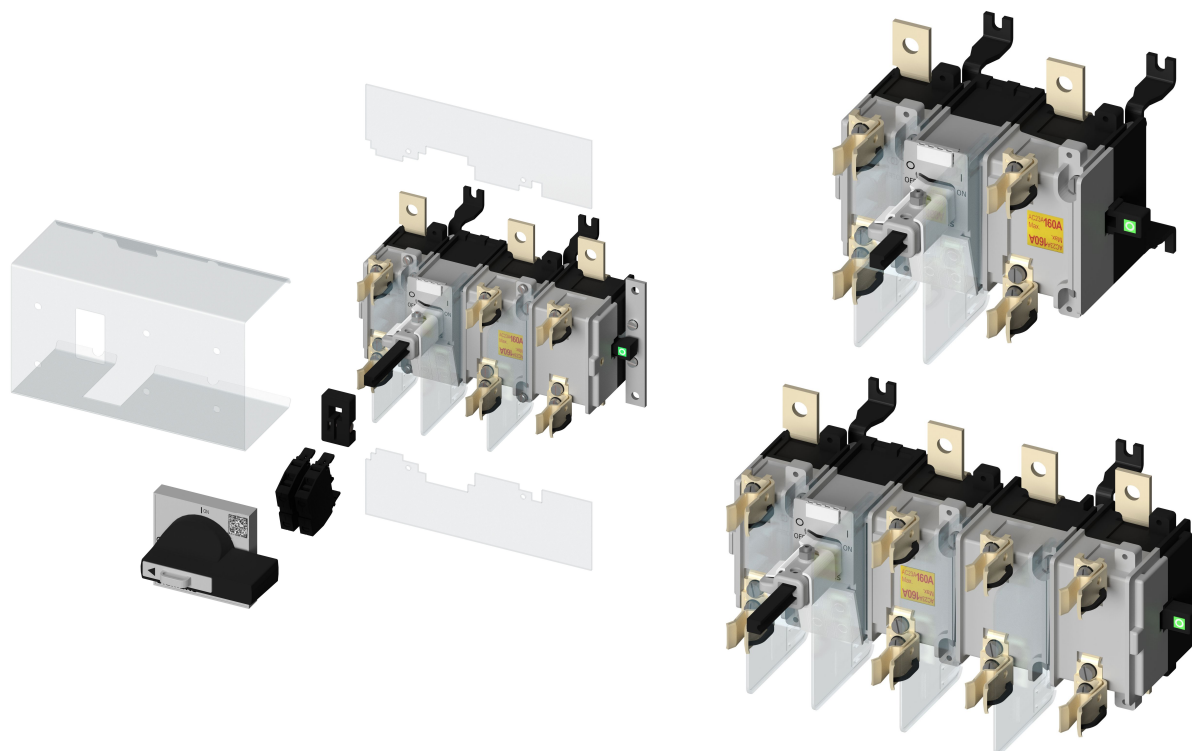
3P : Phase Barrier in position 2, 3 & 4 are essential

4P : Phase Barrier in position 2, 3, 4 & 5 are essential





Assembly

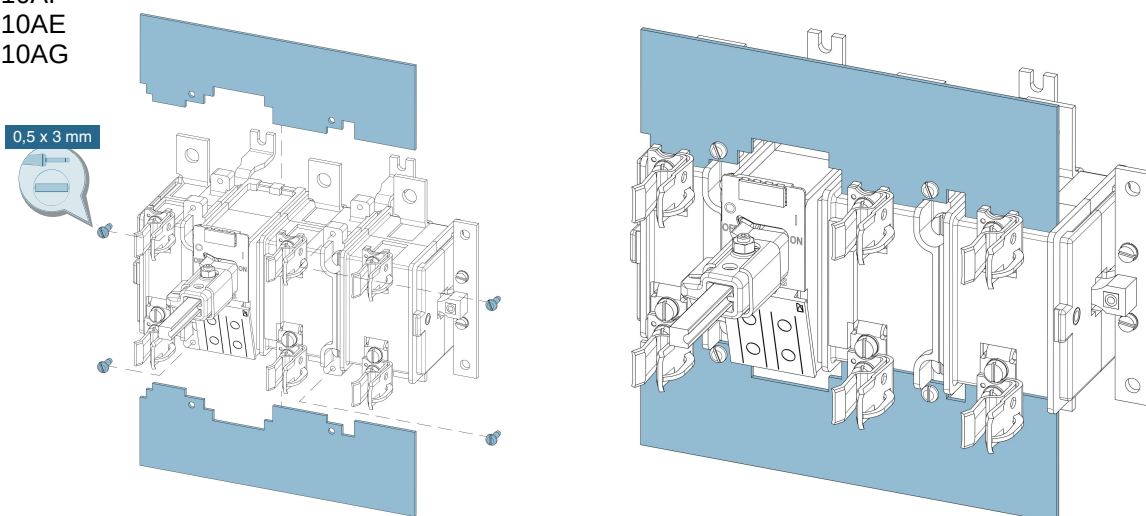


Terminal cover

2P : 3KX82310AF

3P : 3KX82310AE

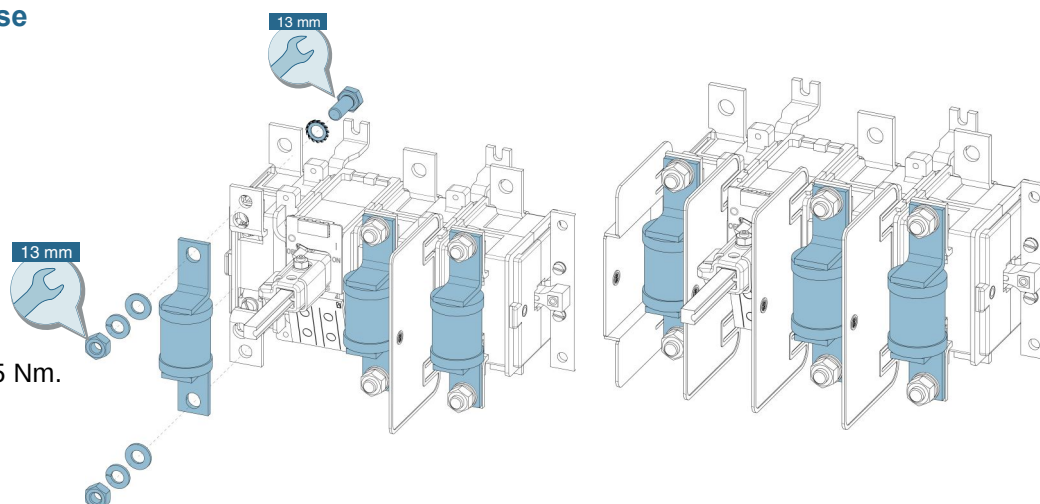
4P : 3KX82310AG



Installation of BS Fuse

M8 X 20

Torque 7.0 Nm. To 8.5 Nm.



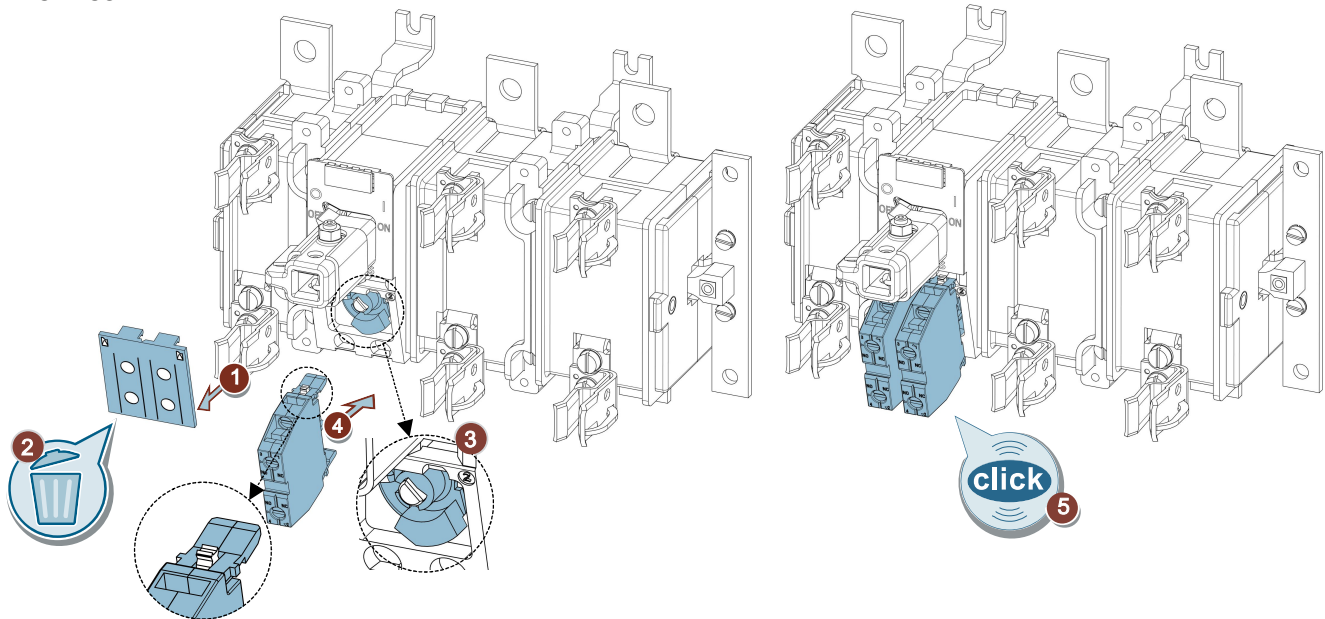


Assembly



Mounting Aux. Switch

3KX35221YC
3KX35221YD



White tag should be positioned
Towards shaft

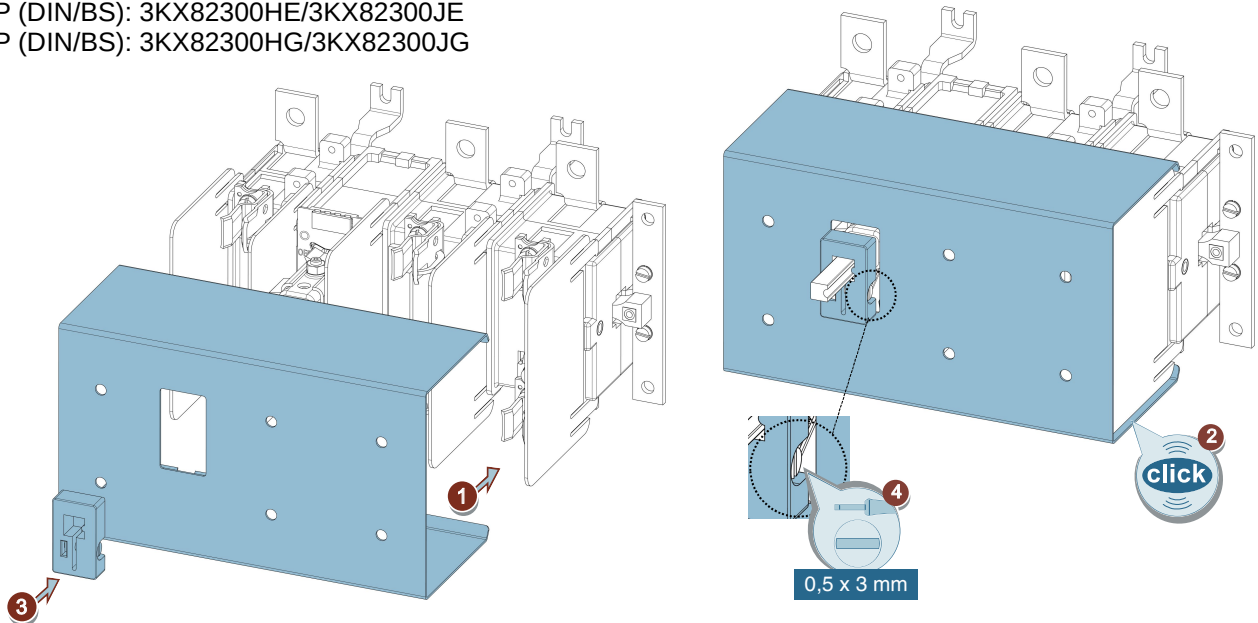


Assembly



Fuse Cover:

2P (DIN/BS): 3KX82300HF/3KX82300JF
3P (DIN/BS): 3KX82300HE/3KX82300JE
4P (DIN/BS): 3KX82300HG/3KX82300JG

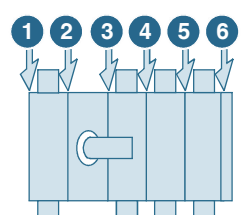
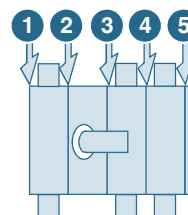
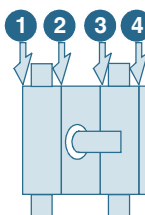


2P : Additional Phase Barrier in Position 1 & 4
2P : Additional Phase Barrier in Position 1 & 5
3P : Additional Phase Barrier in Position 1 & 6

EN

WARNING

Hazardous Voltage. Will Cause death or Serious Injury.
Ensure Switch is in OFF position.

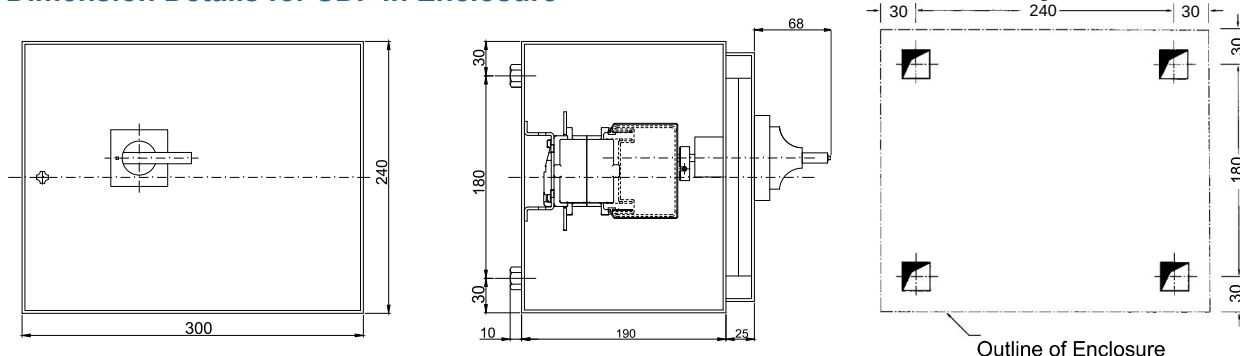




Information



Dimension Details for SDF in Enclosure

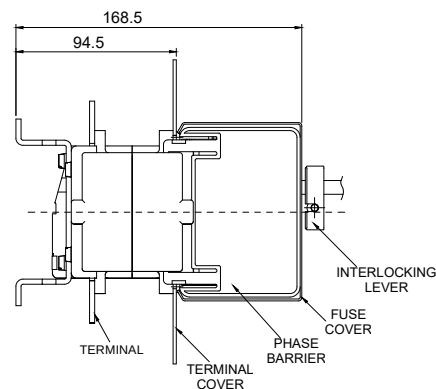
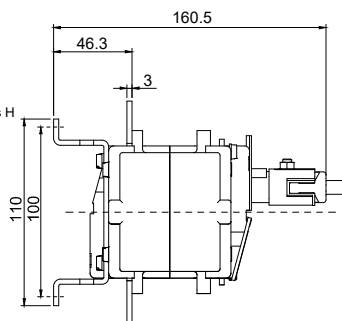
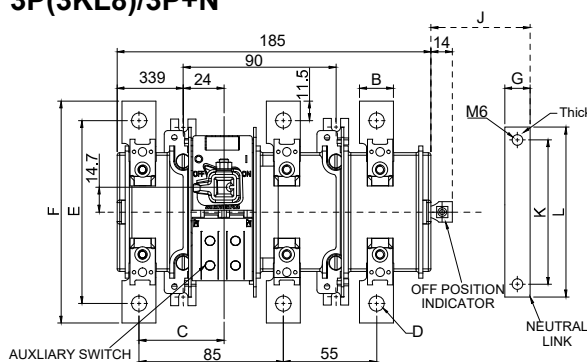


Information

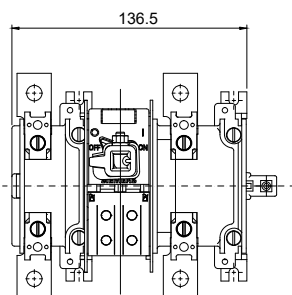


Overall Dimensional details

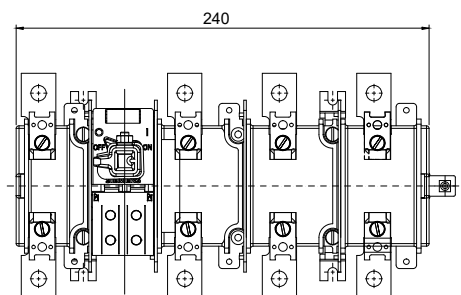
3P(3KL8)/3P+N



3KL8/3KA8 : 2P



3KL8/3KA8 : 4P



For other Dimensions refer 3P/3P+N

For other Dimensions refer 3P/3P+N

Type	B	C	D	E	F	G	H	J	K	L
3KL/3KA 821/822	15	45	Ø6.5	108	131	12	2	15	74	90
3KL/3KA 823	20	50	Ø 9	91	106	15	3	17	85	100

Disposal

Siemens Products are environment-friendly, which predominantly consist of recyclable materials.

For Disposal, we recommend Disassembling and separation into following materials.

METALS. Segregate into Ferrous & Non Ferrous types for recycling through authorised dealer.

Email: ics.india@siemens.com

PLASTICS: Segregate as per material type for recycling through an authorised dealer.

Because of the long lifetime of Siemens products the disposal guidelines maybe replaced by other national regulations when taking the product out of service.

The local customer care service is available at any time to answer disposal-related questions

Customer Care Toll-free no. - 1800 209 0987