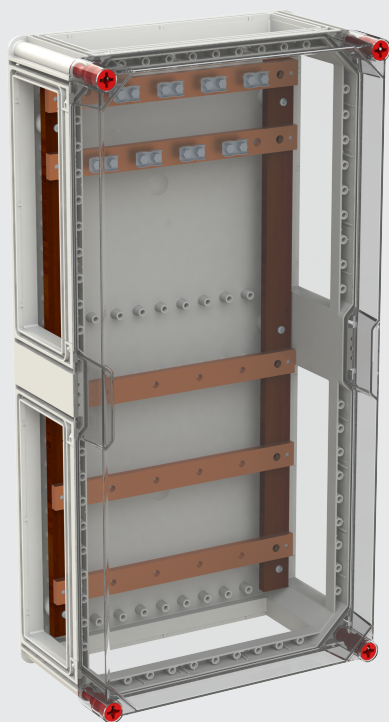


PRODUCT MANUAL

VMS - LV modular system

FSB



Contents

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Additional drawings and instructions can be found in the ABB Library:

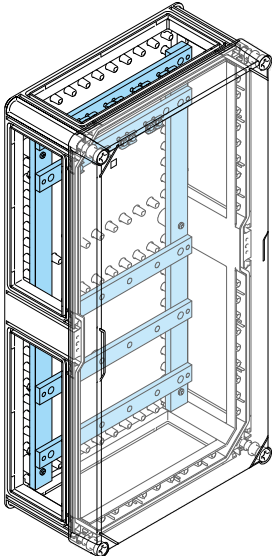


1 Icons

Icon	Description
	Warning / Caution
	Note
	Material - included
	Material - not included
	Tools
	Tightening torque (Nm)

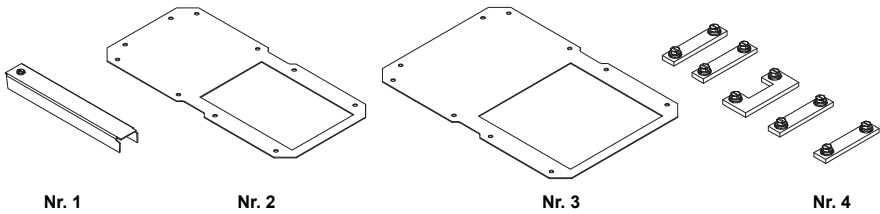
2 Material

2.1 Material - included

Box with busbar support and IP cover plate	SKU-codes	Description
	4TBV853051C0100	VMS63 V for 4x ZLBM00-100-3P-M8
	4TBV853052C0100	VMS64 V for 6x ZLBM00-100-3P-M8

2.2 Material - not included

2.2.1 Accessories



Item nr.	Accessory SKU	Accessory Description
1	2CPX042238R9999	Reserve section cover
2	4TBV853208C0100	VMS63 V cover plate for fuse strip DIN00 set
3	4TBV853209C0100	VMS64 V cover plate for fuse strip DIN00 set
4	4TBV853211C0100	Copper sets coupling and busbar

3 Assembly steps

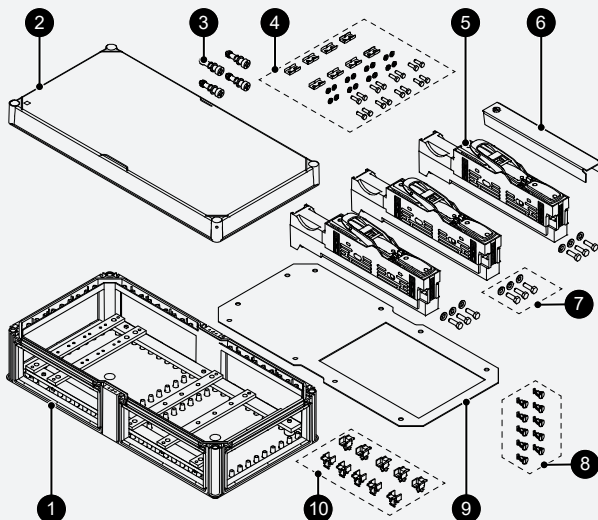
1. Material: overview



- 1 VMS base
- 2 Cover
- 3 Cover screws (4)
- 4 Cable clamps



- 5 Fuse switch disconnect(s)
- 6 Reserve section cover
- 7 Fuse switch disconnect screws/washers (3x M8)
- 8 Quick fasteners for IP cover plate (10x)
- 9 IP cover plate
- 10 Snap fixations



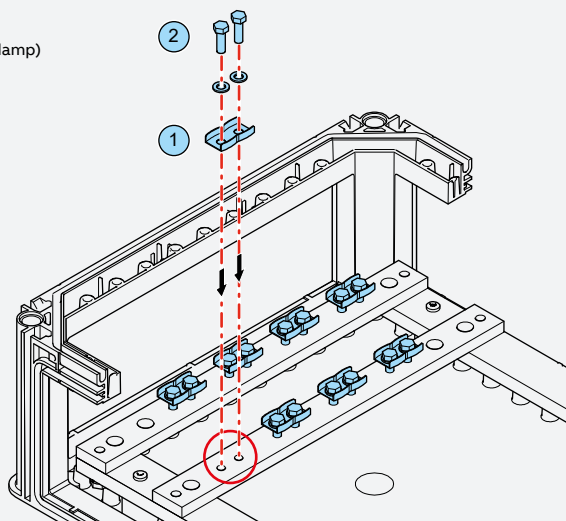
2. Installing cable clamps on PE/N-busbar



- 1 Cable clamps
- 2 Screws and washers (2x per clamp)



M5 2.5 Nm



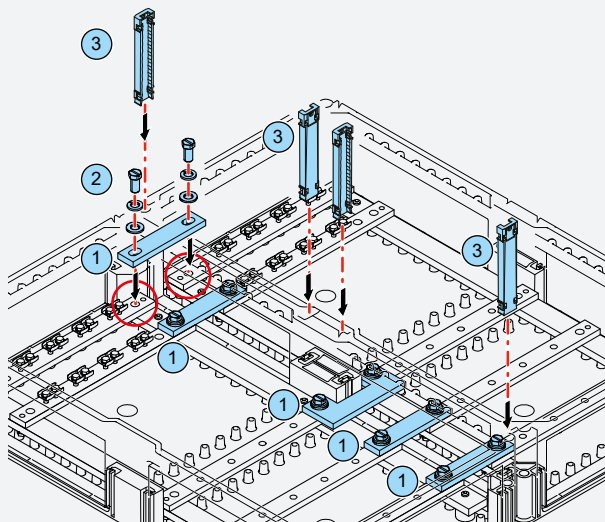
3. Coupling of VMS boxes (if applicable)



- 1 Copper strip (busbar coupling)
- 2 Screws and washers (2x per strip)
- 3 Coupling dowels



M10 20 Nm



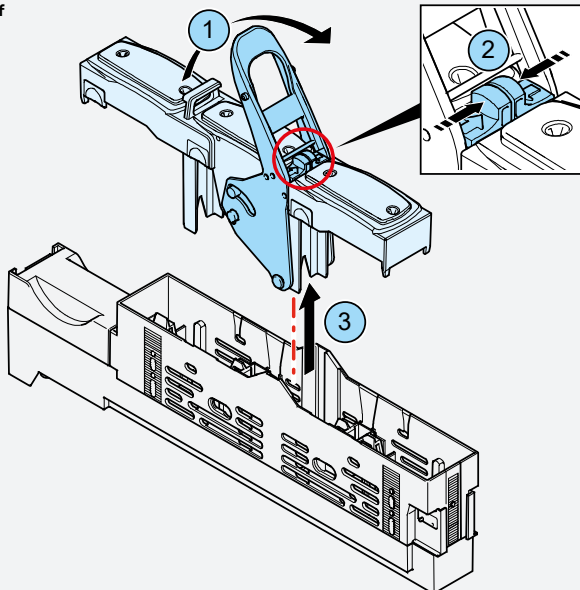
4. Preparation of Fuse switch disconnecter(s)



See Installation Instruction of
fuse switch disconnectors :



- 1 Lift handle.
- 2 Press sliders together.
- 3 Lift disconnecter (top).
- 4 After lifting the top part, rotate the lower part 180° relative to the top part.



5. Installation of Fuse switch disconnecter(s)



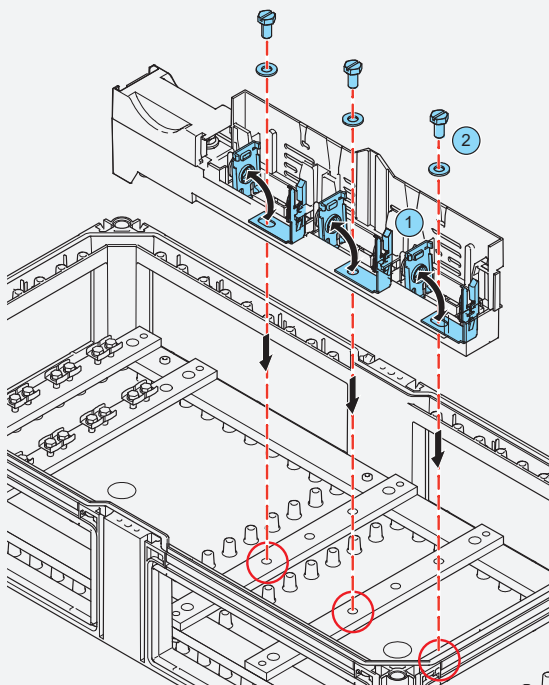
- 1 Protective lid (3x)
- 2 Screws and washers (3x per disconnecter)



M8 10 Nm



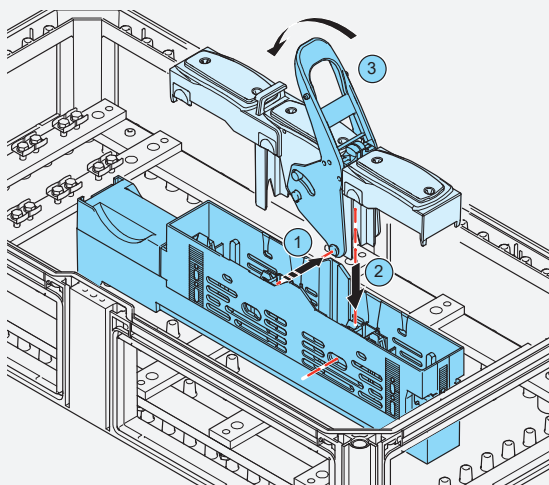
Use a flathead screwdriver to unlock/lift the lids.



6. Remounting handle on Fuse switch disconnecter



- 1 Press handle sides together.
- 2 Lower disconnecter (top).
- 3 Lower handle.



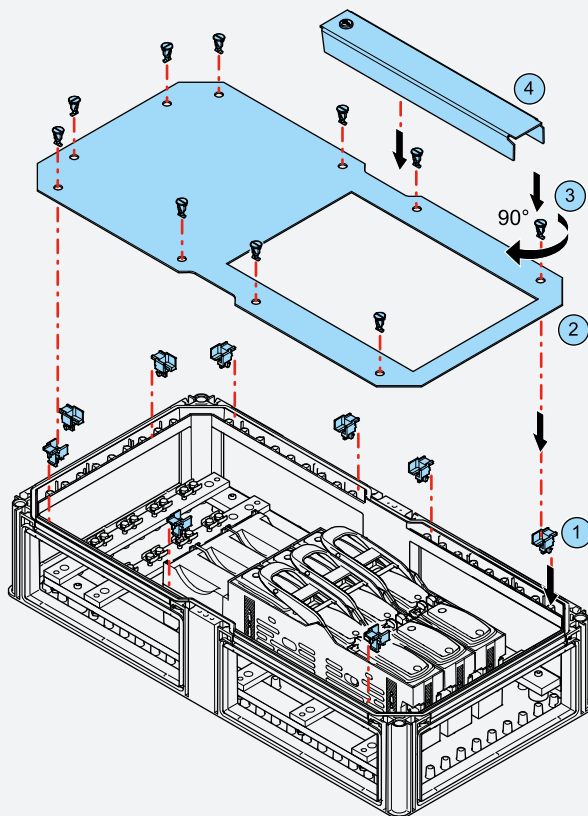
7. Installing IP cover plate and Reserve section cover(s)



- 1 Snap fixations
- 2 IP cover plate
- 3 Quick fasteners for IP cover plate (10x)
- 4 Reserve section cover(s)



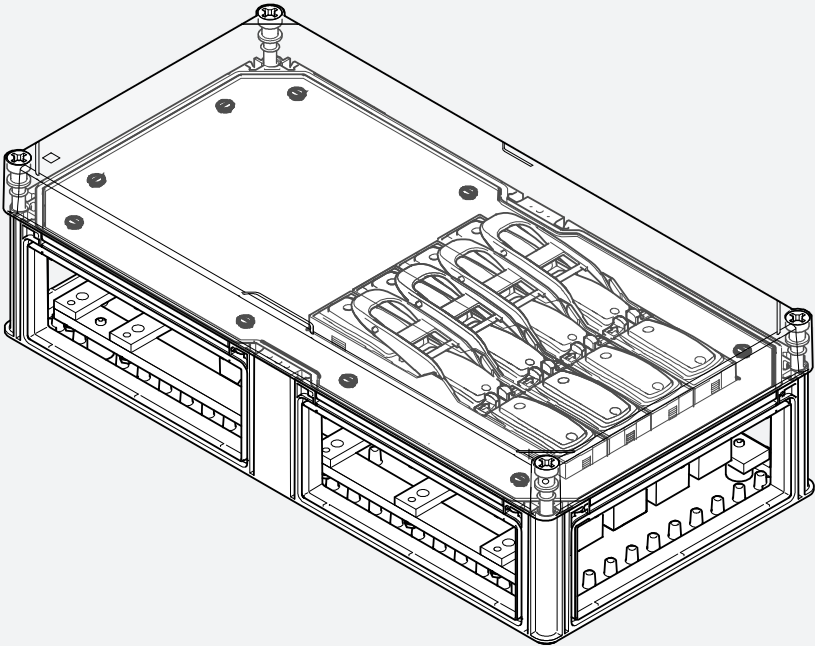
When installing less than 4 Fuse switch disconnectors, use Reserve section covers to cover the remaining gap.



8. Fastening VMS box cover

1. Snap cover screws each time in the four corners. Cover screws are then captive.
2. Fit cover on box (one turn on screws, max. 2.5 Nm).
3. If necessary, stick the double isolation symbol on cover.

9. Installation complete



Notes:

[illegible]

Notes:

[illegible]



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