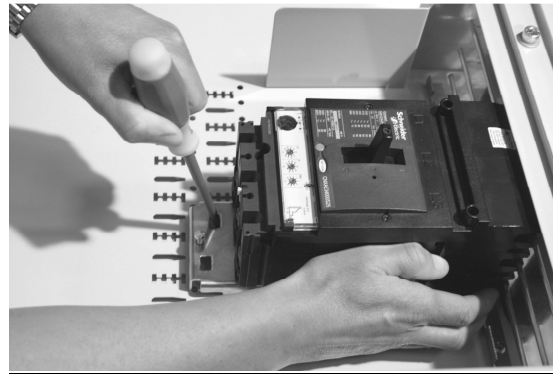


Installation Instructions

Before Installing I – Line MCCB's disconnect all power to the panel board

1. Align I Line MCCB with busbar ensuring the guide boss on the MCCB aligns with the groove on the busbar shroud

2. Place screwdriver through rectangular hole (see picture) in the mounting bracket; using the slots in the panelboard mounting pan firmly ratchet the MCCB into place



3. Tighten clamping screw **do not over tighten such that mounting is deformed.** Recommended torque 1.5Nm.

I Line MCCB Removal

Reverse the fitting procedure taking care to ensure the clamping bolt is clear of the pan assembly.

If a new MCCB is not being fitted the space should be filled with HNM-1BL or HNM-4BL blanking plates

Safety

The equipment must be installed and maintained by competent personnel in accordance with the appropriate statutory regulations and codes of practice e.g. Electricity at Work Regulations, IEE. Wiring regulations (BS7671) Etc.

Ensure the source is isolated elsewhere, locked off and labelled prior to work being carried out on the board.

It is the responsibility of the installer to ensure that all electrical connections are tight and satisfactory earth continuity has been achieved.

Following completion of installation these instructions should be left with the equipment/end user.

Warning

- Do not adjust plug on jaws or remove the joint compound from them.
- Mount main circuit breaker adjacent to main lugs
- Clearly identify when used as an incomer on Size 1 Panelboard



I Line MCCB Product Selector Table

Outgoing Device 1 & 2 Pole

16-100A 25 kA	Single Pole 1 Mod			Double Pole 1 Mod			
	L1	L2	L3	L1/L2		L2/L3	
	Suffix			Suffix			
16A	SFA1016	A	B	C	SFA2016	AB	BC
20A	SFA1020				SFA2020		
32A	SFA1032				SFA2032		
40A	SFA1040				SFA2040		
50A	SFA1050				SFA2050		
63A	SFA1063				SFA2063		
80A	SFA1080				SFA2080		
100A	SFA1100				SFA2100		

Triple Pole (3 Mods)				Additional tunnel terminals	Acceptable cable
	25kA	36kA	50kA		
16A	CDXAE34016	CNXAE34016	CHXAE34016	LV429242	1.5 – 95mm
25A	CDXAE34025	CNXAE34025	CHXAE34025		
32A	CDXAE34032	CNXAE34032	CHXAE34032		
40A	CDXAE34040	CNXAE34040	CHXAE34040		
50A	CDXAE34050	CNXAE34050	CHXAE34050		
63A	CDXAE34063	CNXAE34063	CHXAE34063		
80A	CDXAE34080	CNXAE34080	CHXAE34080		
100A	CDXAE34100	CNXAE34100	CHXAE34100		
125A		CNXAE34125	CHXAE34125	LV429259	95 – 185mm
160A		CNXAE34160	CHXAE34160		
200A		CNXAE34200	CHXAE34200	LV429259	95 – 185mm
250A		CNXAE34250	CHXAE34250	LV429259	
160A (elec)		CNXAE34160E20		LV429242	1.5 – 95mm
250A (elec)		CNXAE34250E20		LV429259	95 – 185mm

Health and Safety at Work, etc Act 1974

To ensure that the equipment described is safe for both personnel and property it should be installed, commissioned and maintained by or under the supervision of qualified persons. Regard should be taken of BS7671, Codes of practice, statutory requirements and specific Instructions issued by Schneider Electric. Any operating or installation queries relating to these products should be communicated directly to Schneider Electric

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