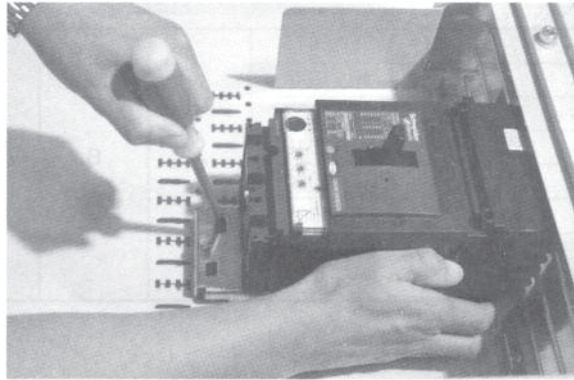


## Installation Instructions

### 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



### I-Line MCCB Removal

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

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

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

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### Warning

- Do not adjust plug on jaws or remove the joint compound for 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 Pole

16-100 Icu= 25 kA @ 240 V AC		Single Pole 1 Mod		
		L1	L2	L3
16A	CDXAE12016	A	B	C
20A	CDXAE12020	A	B	C
25A	CDXAE12025	A	B	C
30A	CDXAE12030	A	B	C
40A	CDXAE12040	A	B	C
50A	CDXAE12050	A	B	C
63A	CDXAE12063	A	B	C
80A	CDXAE12080	A	B	C
100A	CDXAE12100	A	B	C

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		
250A		CNXAE34250	CHXAE34250		
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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