

Product Code	Product Range	Issue No.	Issue Date	Issue By
Code	Range : MC	B	Sept 2025	T. Tombs

MCEL630F

Description.

630A, 4 pole MCCB, with Type A Earth Leakage protection. Earth Leakage relay has adjustable current and trip time settings.

Features

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- 4 pole switching.
- High breaking capacity.
- Type A electronic Earth Leakage relay.
- Fully adjustable.
- Robust steel enclosure.



General Characteristics

Standards	BS EN 60947 -1 & 2. IEC 61010-1, IEC 62423.	
Current Rating	630A	
Voltage Rating	400V	
Fault Current Rating	50kA Icu. 36kA Ics.	
No. of Poles	4	
Terminal Capacity	M12 bolt for lugged connection.	
Terminal Torque	50 - 55 Nm	
Earth Leakage relay and CT Type.	Type A	
AC Minimum sensitivity. $I_{\Delta n}$.	Milli-amps: 30, 100, 300, 500. Amps: 1, 3, 5, 10, 20, 30. Adjustable in steps.	
Time delay ms. At 30mA setting	0, 60, 150, 250, 500, 800ms. 1, 2.5, 5, 10s. No intentional time delay.	
CT diameter	120mm (internal diameter).	
DC sensitivity	6mA maximum	
Enclosure dimensions	950mmH 400mmW 170mmD	
Enclosure	Mild Steel	
Cable Entry Facility	Plain end plates	
Approx. Weight	29kg	
IP Rating	IP3X	
Colour	RAL 7035	

General Device Specification

MCCB	MC630FA, thermal / magnetic. 4 pole switching.
Type A CT	Positioned on supply side of MCCB. Incoming supply to enter from the bottom. Load, outgoing top.