

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

MCCEL100F

Description.

100A, 4 pole MCCB, with Type A Earth Leakage protection. Earth Leakage relay has adjustable current and trip time settings.

Features.

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

General Characteristics

Standards	BSEN 60947-1&2. IEC60755, IEC62020, IEC61543
Current Rating	100A
Voltage Rating	400V
Fault Current Rating	36kA
No. of Poles	4
Terminal Capacity	120mm ² .
Terminal Torque	8 Nm
Earth Leakage relay and CT Type.	Type A 
AC Minimum sensitivity. IΔn.	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	70mm (internal diameter).
DC sensitivity	6mA maximum
Enclosure dimensions	700mmH 300mmW 170mmD
Enclosure	Mild Steel
Cable Entry Facility	Plain end plates
Weight	12.7kg
IP Rating	IP3X
Colour	RAL 7035

General Device Specification

MCCB	MC100FA, thermal / magnetic. 4 pole switching.
Type A CT	Positioned on supply side of MCCB. Incoming supply to enter from the bottom. Load, outgoing top.

