

Product Data Sheet



Product Code: **MCEL250F**

Issue No.

B

Issue Date:

10 /12 /2018

Issue by:

T. Tombs

Description

250A 4P MCCB with bolted neutral link.
Type A filtered earth leakage relay, voltage dependent, mounted in a mild steel enclosure.

General Characteristics

Standards. BS EN60947-1 & 2.
IEC 60755, IEC 62020,
IEC 61543.

Current rating. 250A

Voltage rating. 230 / 400V ac. 50/60Hz.

Fault current rating 36kA.

Enclosure. Mild steel to IP3X.
Dimensions 950mmH x 400mmW x
170mmD.
Finish Matt grey to RAL 7035,
Electrostatically applied.

IP Rating. 3X

No of poles. 4 switched.

Terminal capacity. Phases – M12 bolt.
Neutral – M12 bolt.

Terminal tightening torque. Mccb – 50Nm.
Neutral – 50Nm.

Cable entry facility. Plain plate top and bottom.
Drill to suit on site.

Covers / Door. Front bolt on cover.

Earth leakage relay settings. Milli amp – 30, 100, 300, 500.
Amps – 1, 3, 5, 10, 20, 30.
True RMS sensing.
Adjustable. Time – ms 0, 60, 150, 250,
500, 800.
Sec – 1, 2.5, 5, 10.

E/L CT diameter. 120mm internal diameter.

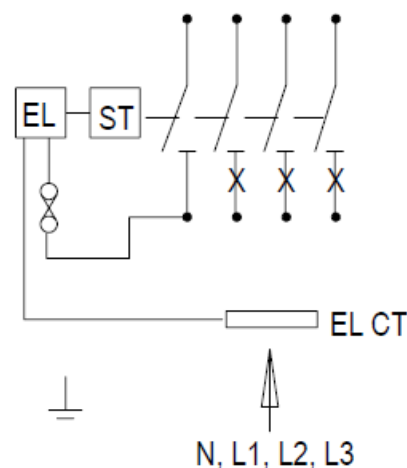
Equipment type. Fixed stationary

Weight. 29 kg

Switchgear Fitted

Device	Rating
MC250FLF	250A

Earth Leakage relay and CT



Minimum sensitivity $I\Delta n - 0.1 \text{ A}$
It is intended that this device is under the
supervision of an instructed or skilled
person.

BS7671:2018 clause 531.3.4.2

MCCB: For full technical details of the mccb request MCCB data sheet.

Accessories. Padlock device: Part no. **MCPD** (padlock not supplied).

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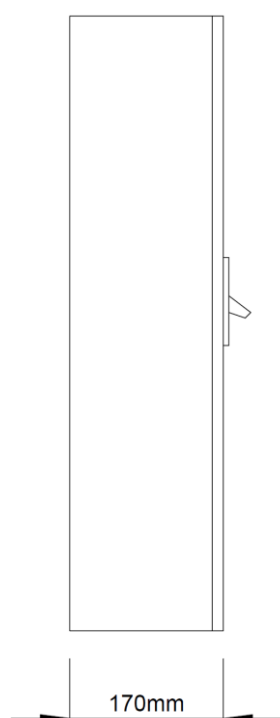
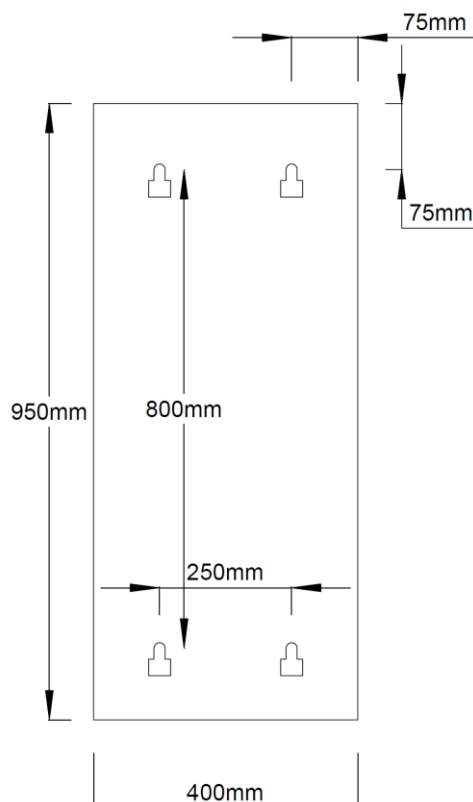
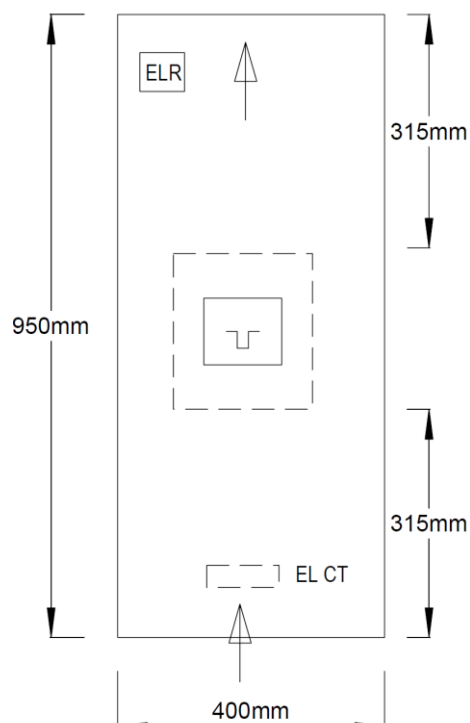
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Key Dimensions

Mounting hole positions



Additional information.

Usage

Intended for use by skilled persons or instructed persons.

Electrical

Earth terminal : Earth bolt M10.

Rated frequency: 50Hz.

Rated operational voltage: 400V

Rated insulation voltage: 750V.

Earthing system:

EMC environment: Environment type A.

Physical

Ambient operating temperature -5 to 40 °C

(Not exceeding average of 35 °C in any 24 hour period).

Maximum altitude 2000m.

Earth Leakage relay

Power on LED.

Earth leakage indication displayed in LED array (% leakage of setting).

Installation

Service conditions: Wiring of this product must comply with current IEE regulations. Units are intended for indoor use and dry conditions and **NOT** where high levels of humidity and temperature are experienced.

Note: IP rating of enclosures can be compromised if correct use of glands is not followed when installing unit.