

# Product Data Sheet



Product Code: <b>MCE080T</b>	Issue No.	Issue Date:	Issue by:
	<b>A</b>	03/05/2017	T. Tombs

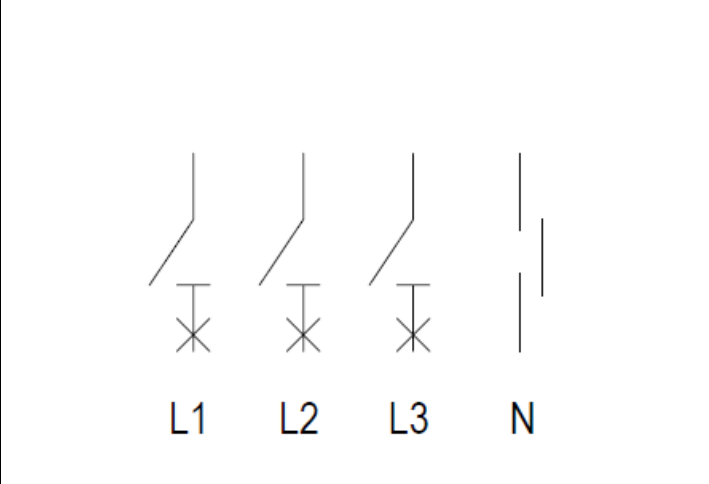
**Description**  
80A 3 pole mccb with bolted neutral link mounted in a mild steel enclosure.

**General Characteristics**

Standards.	BS EN60947-1 & 2.
Current rating.	80A
Voltage rating.	230 /400V ac. 50/60Hz.
Fault current rating.	36kA Icu.
Enclosure. Dimensions	Mild steel to IP3X. 400mmH x 300mmW x 170mmD.
Finish	Matt grey to RAL 7035, Electrostatically applied.
IP Rating.	3X
Pollution degree.	3
No of poles.	3 switched, bolted neutral.
Incomer terminal capacity.	Phases – tunnel, max. 50mm.sq. 4mm allan key. Neutral – M8 bolt.
Incomer terminal tightening torque.	Mccb – 6Nm. Neutral – 20Nm.
Cable entry facility.	Plain plate top and bottom. Drill to suit on site.
Covers / Door.	Front bolt on cover.
Equipment type.	Fixed stationary
Approx. Weight.	10kg



<b>Switchgear Fitted</b>	
Device	Rating
MC080T	80A



Supply can be made to either top or bottom terminals.

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

**Accessories.**  
Padlock device: Part no. **MCPD** (padlock not supplied).  
230V ac shunt trip: **MCST3P250**.  
Auxiliary contact 1 CO: **MCA3P250**.  
Cable extension boxes available on quoted on request: State height required – 200mm, 300mm, 400mm.

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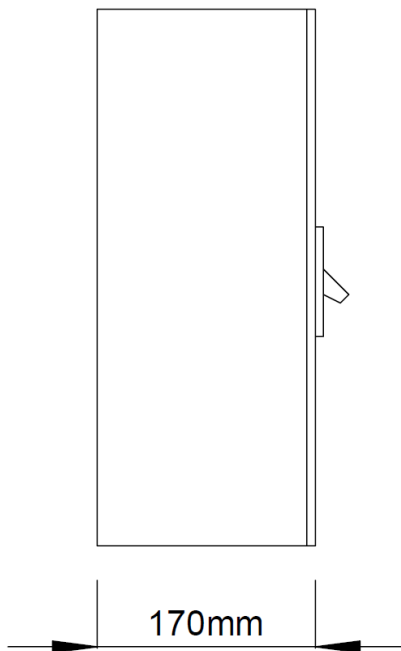
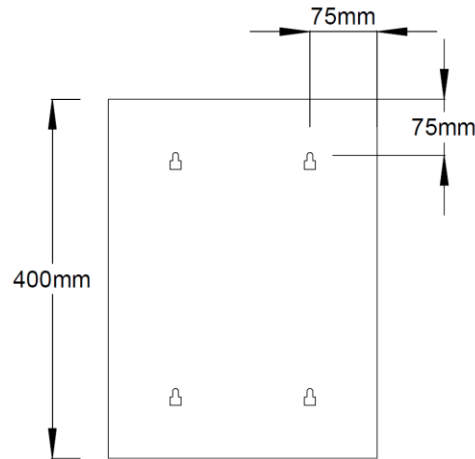
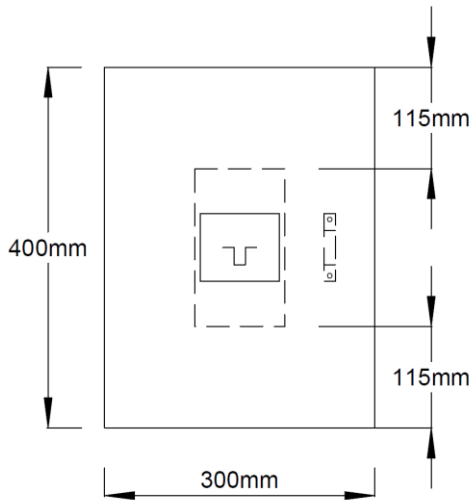
T. Tombs

## Description

80A 3 pole mccb with bolted neutral link mounted in a mild steel enclosure.

## 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.

Enclosure:

### 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.