

© Product installation and operation guide



IP40 METAL ENCLOSURE



LIVE ELECTRICAL DISTRIBUTION UK LTD

4 Queensmead Place, Textilose Road, Manchester, M17 1PH
Tel: 0161 8702592 Web: www.liveelectrical.co.uk
E-mail: sales@liveelectrical.co.uk



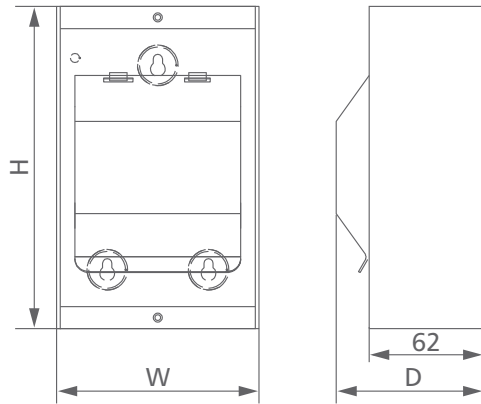
Ensure that these instructions are made available to the end user for future reference.

IP40 METAL ENCLOSURE

Features & Benefits

- Fully enclosed metal construction body with drop down metal cover and metal lid.
- Circular cable entry 20&25mm knock-outs on the top and bottom.
- Raised key holes for secure easy installation.
- Modern style finished in white polyester powder coating to RAL9010.
- Complies with BS EN 61439-3.
- Metal enclosure supplied with DIN rail & terminal.

Unit Dimension



Part No	Description	Box Qty	Dimensions		
			W	H	D
EMCU2-A	2 Way Metal Enclosure with Lid	24	74	145	80
EMCU3-A	3 Way Metal Enclosure with Lid	16	110	175	80
EMCU4-A	4 Way Metal Enclosure with Lid	16	110	175	80
EMCU5-A	5 Way Metal Enclosure with Lid	8	120	175	80

Safety Instructions

- This unit must be installed and tested in accordance with the requirements of all relevant legislation, regulations and accepted practice.
- After completion of the installation draw users attention to the instructions contained inside this booklet and leave with user.
- The total load supplied by this unit must not exceed the rating of the main switch or RCD.
- The total load of the MCBs may exceed this value where appropriate diversity is applied.
- This unit is suitable for indoor use only and is rated at IP40.
- The unit and all its components have been type tested to the following specifications:

Device	Standard
Consumer Unit	BS EN 61439-3
Main Switch	BS EN 60947-3
RCBO	BS EN 61009-1
MCB	BS EN 60898
RCD	BS EN 61008-1
SPD	BS EN 61643-11

- The MCBs fitted to this unit are calibrated at 30°C in accord with temperature calibration requirements of EN60898. At other temperatures the following rating factors should be used: 60°C 0.85 20°C 1.0 0°C 1.15.
- Adjacent Thermal Magnetic MCBs should not be continuously loaded or approach their nominal rated currents when mounted in Enclosures. It is recommended that a 60% diversity factor be applied to the MCBs nominal rated current where it is intended to load the MCB continuously.

Installation

Enclosure Mounting

- Remove lid by turning lid fixing screws until they are free from the base.
- Remove appropriate cable entry holes. If using compression glands, fit them in the appropriate knockout prior to fixing unit to the wall.
- Mount the unit using appropriate screws and fixings.
- Bring all cables in through appropriate cutouts and route to their final location.

Warning!

All connections, including factory-made, must be checked for the correct installation and tightness, prior to the commissioning of the electrical installation. Electricity is dangerous if in any doubt please seek qualified advice