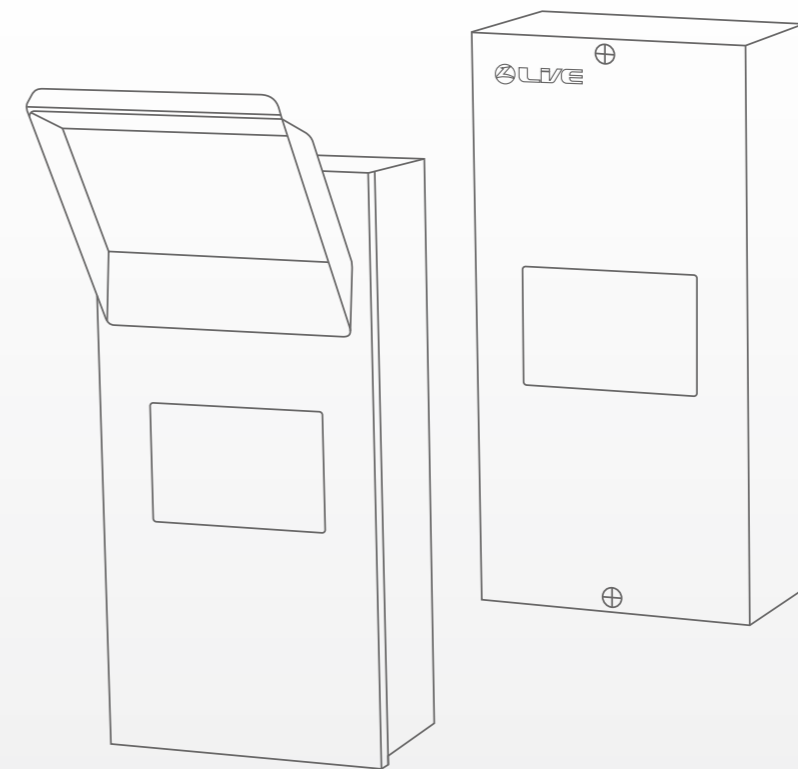


© Product installation and operation guide



METAL FUSE SWITCH *Specification*

*Metal fused switches installation
and usage guide*



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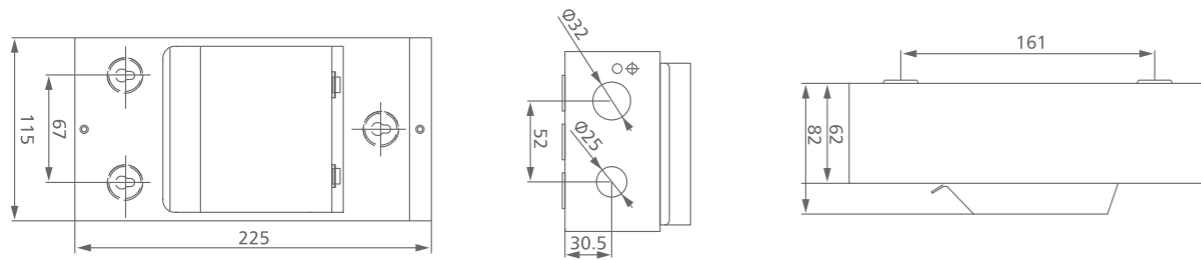
Ensure that these instructions are made available to the end user for future reference.

METAL FUSE SWITCH Specification

Unit Dimension

Part No.	Description	Box Qty	Dimensions		
			W	H	D
LMFS100	Metal 125A Fuse Switch Box Without Lid IP20	12	115	225	62
MCFS100	Metal 125A Fuse Switch Box With Metal Lid IP20	16	115	225	82
MCFS100/3F	Metal 125A Fused Switch c/w 3 Fuses (63/80/100A)	16	115	225	82

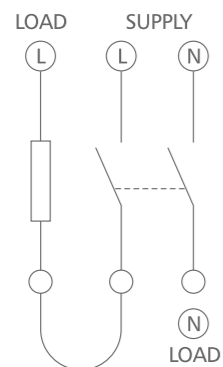
Dimensions



Technical Data

- Rated Current Ie: 100A
- Rated Operating Voltage (Ue): 230V 50Hz
- Number of Poles: 1P+N
- Fuse Size: 22x58mm/IEC 60269
- Fuse Ratings: 63A, 80A, 100A
- Fuse Type: gG (General purpose)
- Enclosure Material: Mild steel
- Finish: RAL9003 epoxy powder coat
- Dimensions(mm): 225Hx115Wx82D
- Knockouts: 32+25mm top and bottom
- Padlock Facility: YES

Wiring Diagram



Cable and Torque Settings

Device	Max Cable Capacity	Recommended
Main Switch	35mm ²	2.5Nm
Fuse Holder	35mm ²	4.0Nm
Earth Terminals	16mm ²	2.5Nm

Safety Instructions

- Fused switch must be installed by a qualified electrician in accordance with the current IET Wiring Regulations BS 7671.
- Total load must not exceed the rating of the fuse fitted or any additional limitation.

Device	Standard
Consumer Unit	BS EN 61439-3
Main Switch	IEC EN 60947-3
Fuse Holder	IEC 60947-3
Fuses	IEC 60269-2
IP Rating	IP 40

Installation

Enclosure Mounting

- Remove 2 screws which attach front cover to base and lift off front cover.
- Ensure main switch is in the OFF position and that NO fuse is fitted in the fuse holder.
- Remove minimum appropriate knock outs. In order to maintain the IP rating and fire containment of the enclosure we recommend glands are used if not installing onto trunking or conduit.
- Fix base to wall using screws and rawl plugs as appropriate and remove any debris from inside the enclosure.

Cable Connections

- Route SUPPLY (IN) and LOAD (OUT) cables to the desired positions.(see wiring diagram above)
- Cut and dress the SUPPLY cables and earth conductor.
- Connect into the appropriate terminals L and N on main switch and earth into the terminal bar and torque all connections.
- Connect L load cable to top terminal of fuse holder (LOUT), and N load (NOUT).
- Refit front cover and select & fit correct fuse into the fuse holder for the installation--63A, 80A or 100A gG fuses supplied (3F Version only).

Testing

After completion of the installation, it must be tested in accordance with the latest edition of the IET Wiring Regulations for Electrical Installation (BS 7671).

Environment

WASTE ELECTRICAL PRODUCTS SHOULD NOT BE DISPOSED OF IN HOUSEHOLD WASTE. CONTACT YOUR RETAILER OR LOCAL AUTHORITY FOR RECYCLING INFORMATION.

Warning!

Turn off the main switch before opening the fuse holder.
Before fitting the front cover, check all connection including factory made connections are TORQUED.
Loose connections can cause fires!!!!

Notes:

After installation and testing of this product it is essential that the INSTRUCTION LEAFLET is available for reference.