



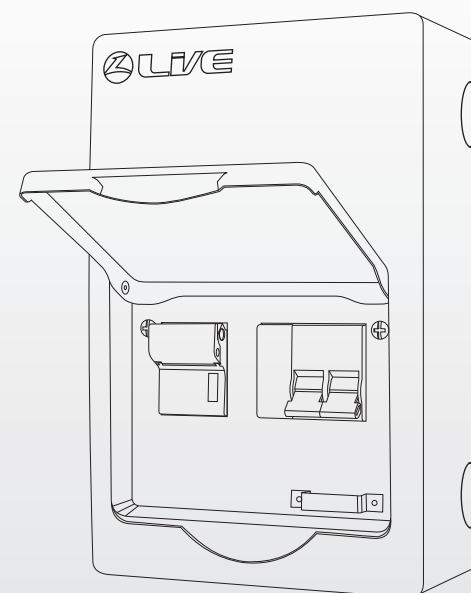
LIVE ELECTRICAL DISTRIBUTION UK LTD

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.

© Product installation and operation guide



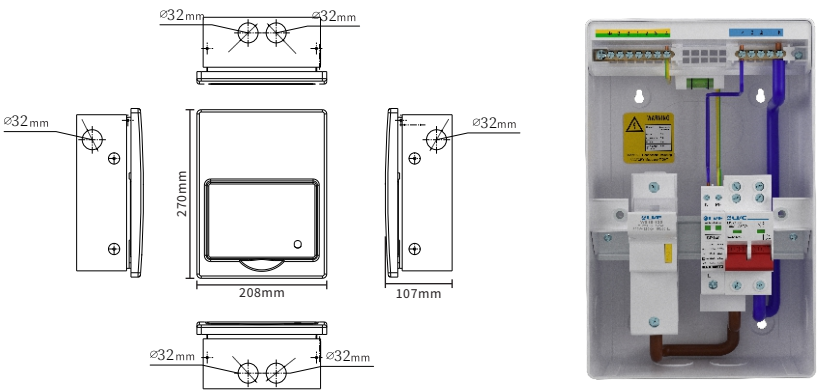
METAL FUSED BOX

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Unit Dimension

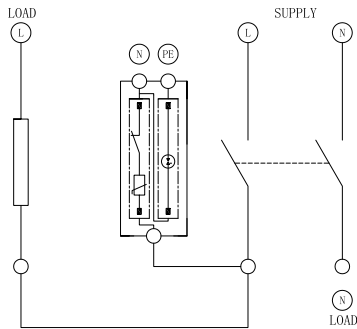
Part No.	Description
LSFS100	Metal 125A Fused Switch c/w 100A Main Switch and 20/40kA DP Surge Protective Device Without Fuse
LSFS100/3F	Metal 125A Fused Switch c/w 100A Main Switch and 20/40kA DP Surge Protective Device, 3 Fuses (63/80/100A)

Dimensions



Technical Data

- Rated Current Ie: 100A
- Rated Operating Voltage (Ue): 230V 50Hz
- Fuse Size: 22x58mm/EC 60269
- Fuse Ratings: 63A, 80A, 100A
- Fuse Type: gG (General purpose)
- Enclosure Material: Mild steel
- Finish: RAL9003 epoxy powder coat
- Dimensions (mm): 172x270x110
- Knockouts: 32 top and bottom
- Net Weight: 2.65kgs
- SPD Type: T2



Cable and Torque settings

Device	Max Cable Capacity	Recommended
Main Switch	35mm²	2.5Nm
Fuse Holder	35mm²	4.0Nm
Earth Terminals	16mm²	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
SPD	IEC/EN 61643-11
IP Rating	IP 40

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.
- Ensure main switch is in the OFF position and that NO fuse is fitted in the fuse holder.
- Fix base to wall using screws and rawl plugs as appropriate and remove any debris from inside the enclosure.
- Bring all cables in through appropriate cutouts and route to their final location.

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.