

## MSF

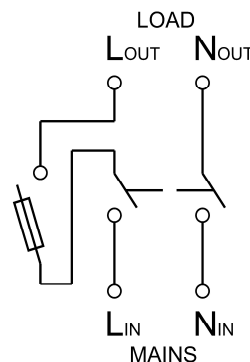
Domestic service fused switch  
supplied with 80A fuse



### TECHNICAL

Rated Current Ie:	<b>80A</b>
Utilization Category:	<b>AC21 switching of resistive loads</b>
No. of poles:	<b>2</b>
Switch conforms to:	<b>BS EN 60947-3</b>
Rated Operating Voltage (Ue):	<b>240V 50Hz</b>
IP rating:	<b>IP2X to BS EN 60529</b>
Max. Cable capacity:	<b>25mm<sup>2</sup></b>
Enclosure Material:	<b>Thermosetting Plastic</b>
Finish:	<b>Cover: white / Base: grey</b>
Dimensions (mm):	<b>80H x 127W x 54D</b>
Knockouts:	<b>Top and bottom</b>
Tightening torque:	<b>Terminals 2.5Nm</b>

Fuse Cartridge:	<b>22x58mm cylindrical body</b>
Fuse Rating:	<b>Up to 80A type ME (Unit supplied with 80A fuse link as standard)</b>
Fuse Breaking Capacity:	<b>33KA @ 0.3pf / 80KA @ 0.15pf</b>
Fuse conforms to:	<b>IEC60269-3 / BS88-3</b>



**This unit must be installed by a qualified electrician in accordance with the latest edition of the IEE Wiring Regulations for Electrical Installations (BS 7671).**

### 1 Installation Guide

- 1.1 Ensure red toggle is in the OFF position
- 1.2 Loosen 2 front cover screws and remove cover
- 1.3 Fix securely to wall using 3 screws. Do not over tighten
- 1.4 Use cable duct if required to protect surface cables.
- 1.5 Additional cable ducts can be ordered separately—*Part Code MSF-CD*
- 1.6 Fix cable duct to wall using 2 screws
- 1.7 Cut, dress and connect cables as shown in the wiring diagram above. MAINS IN cables are covered by a red shroud
- 1.8 Check all connections are torqued to the correct settings  
**2.5Nm for the switch**
- 1.9 Re-fit front cover

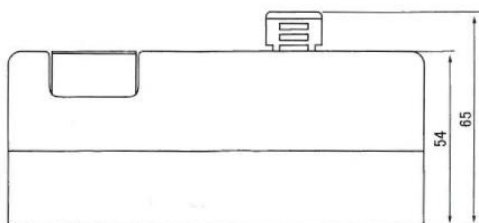
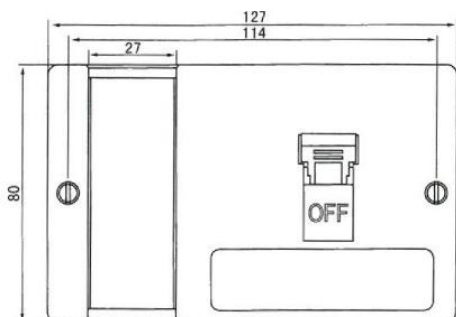
Select and insert the correct fuse rating for the installation. Ensure that the fuse holder is closed fully before switching on.

### 2 Testing of the Installation

- 2.1 After completion of the installation, it is essential that it is tested in accordance with the latest edition of the IEE wiring Regulations for Electrical Installations (BS 7671).

**ALWAYS TURN OFF THE MAIN SWITCH BEFORE OPENING THE FUSE HOLDER. THE FUSE MUST NOT BE INSTALLED OR REMOVED UNDER LOAD.**

**USER GUIDE MUST BE LEFT WITH THE UNIT FOR FUTURE REFERENCE**



MSF100(CD)

