

This document must be retained for future reference.

It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all critical and should be checked prior to full testing and power-up. Any other regulations applicable to the equipment being installed such as the Machinery Directive and current health and safety legislation must also be adhered to.

All connections (including factory made) must be checked for the correct tightness prior to commissioning of the electrical installation. All connections should also be inspected periodically to ensure correct tightness.

DO NOT USE POWER TOOLS ON THESE PRODUCTS



SENTINEL RANGE Type 2 SPD Kit
SLCUSPD2KIT

Kit includes:

- AUSP-40/1+1: 1 Module Type 2 SPD 40kA TT/TN
- EUB132B: 1 Pole MCB 6kA B Curve
- 450mm Earth Cable
- 100mm Neutral Cable
- 80mm Brown Cable
- 100mm Brown Cable w/ 1x Forked Pin



SPD Specification

| | |
|--------------------------------------|--|
| BS / EN Standard | BS EN 61643-11 |
| Type | Type 2 |
| Earthing System | TT/TN |
| System Voltage | 230V |
| Max. Continuous Operation AC Voltage | 275V (L-N) 255V (N-PE) |
| Nominal Discharge Current I_n | 20kA |
| Maximum Discharge Current I_{max} | 40kA |
| Voltage Protection Level U_p | 1.5kV (L-N) 1.2kV |
| Status Indicator | Green (Normal State) Red (Failure State) |
| Mounting | 35mm DIN Rail |
| Terminal Capacity | 2.5mm ² (L/N) 4mm ² (PE) |
| Operating Temperature | -40 to 80 °C |

Installation Instructions



1) Create 2 additional module spaces by sliding the main switch, RCCB and MCBs to the right.



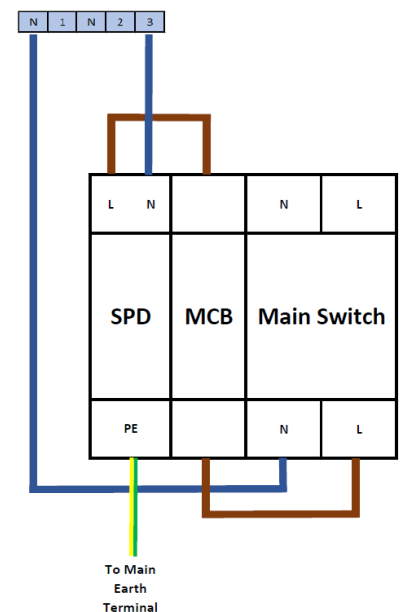
2) Insert the SPD to the far left side and the 32A Type B MCB in between the SPD and main switch.



3) Install the wires provided (see images on the left).

Top:

- 100mm Neutral cable to connect the SPD to the Neutral bar that is connected to the main switch.
- 80mm Brown cable to connect the SPD and 32A MCB supplied



Bottom:

- 100mm Brown cable to connect the 32A MCB supplied to the main switch as shown. Use the forked end to connect into the slot of the main switch rather than the main terminal
- 450mm Earth cable to connect the SPD to the Earth terminal bar of the consumer unit.



Terminal Torques (Nm)

SPD: L/N 1.2 | PE 2.0

MCB: 2.0

Main Switch: 2.5

Earth and Neutral

Terminals: 2.0