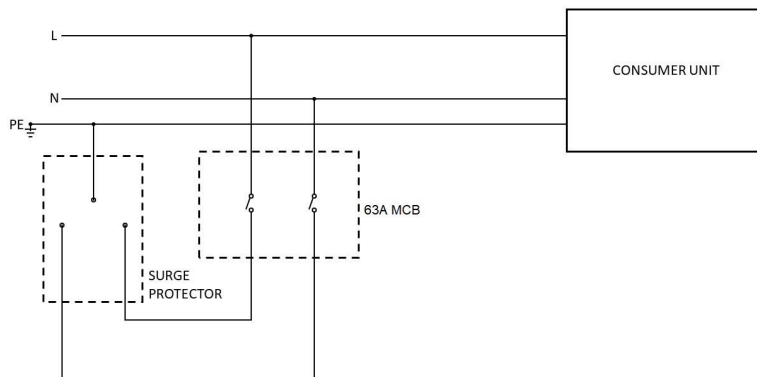




## Wiring Diagram



## Technical Specification

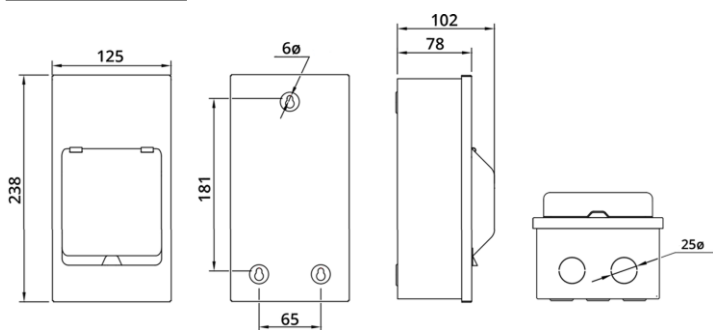
|                             |   |
|-----------------------------|---|
| Enclosure                   | Metal   |
| Protected Poles             | Single Phase 230V                                 |
| MAX AC. Operating Voltage   | 255VAC  |
| AC System                   | TT-TN   |
| Nominal Discharge           | 20kA  |
| Max. Discharge              | 40kA  |
| Temporary Overvoltage 5s    | 335VAC Withstand                                  |
| Voltage Protection Level    | 1.25kV  |
| Conductor Size              | 1.5-10mm(L/N)<br>2.5-25mm(E)                      |
| Standards                   | 18th Edition complaint<br>IEC 6164311, EN 5053911 |
| Recommended Fuse Protection | 50A – 63A MCB Included                            |
| Surge Protection Torque     | 1.2-1.5Nm(L/N) 2-2.5Nm(E)                         |
| MCB Torque                  | 2Nm   |

The ESPD40-63MCBP is only to be installed by a Qualified electrician and must conform with the latest edition of the IEC Wiring Regulations for Electrical Installations BS7671

## Installation Guide

1. Loosen the screws and remove the front cover of the ESPD
2. Mount the ESPD to the wall at the 3 screw locations
3. Ensure the MCB is in the off positions
4. Feed incoming mains cables into the bottom (Live Feed from Live and Neutral) of the MCB
5. Refer to Torque settings to ensure correctly tightened
6. Refit front cover

## Dimensions



When indicator shows red, please replace cartridge

Once installation is complete the device must be tested in accordance with IEC Wiring Regulations for Electrical Installations BS7671