SP-RC-SPD

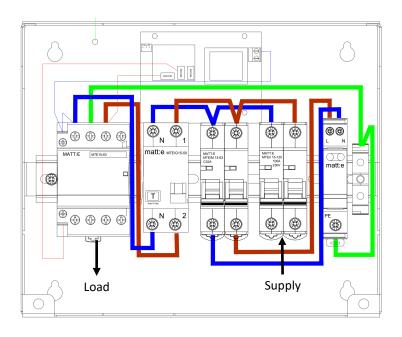
Single-phase Automatic Reset PEN Fault Protection with Type A RCBO, load curtailment and Type 2 SPD.

The SP-RC-SPD single-phase protection device offers a compliant, simple, single connection centre, for EV charge point installations, allowing connection to the existing TN-C-S earthing facility without the use earth electrodes. Designed to facilitate compliance with BS:7671 2018,

Amendment 2: 2022 Regulation 722.411.4.1 (iv).

The SP-RC-SPD units come complete with 40A Type A RCBO, Type 2 SPD, and has the additional functionality for load curtailment, in line with Regulation 722.311.20. Isolating the charge point from the supply once the household consumption rises above the pre-set limit, and automatically restores the power to the charge point when the load falls back within a satisfactory level.

Please note, the load curtailment limit can be set at either, 60A, 80A, or 100A and must be selected at the time of order.





Product Features and benefits

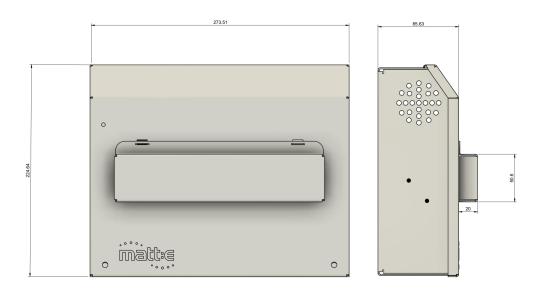
- Built in matt:e PEN Fault Protection
- NO EARTH ELECTRODES REQUIRED
- Helps reduce disruptive and costly groundworks
- Removes the risk of striking buried services
- Simple wire in wire out connection
- Over current protection
- 40A Type A RCBO
- Type 2 SPD
- Load curtailment
- Standard 1 Year parts warranty

...Simplifying EV connection



SP-RC-SPD

Single-phase Automatic Reset PEN Fault Protection with Type A RCBO, load curtailment and Type 2 SPD



Description	Single-phase Voltage Monitoring and Protection Unit
Certification	UKCA, CE
Input Volts	Nominal input voltage single-phase 230V 50Hz
Max Load	7,4kW
Terminal Capacity	In Out L/N: $2.5 \text{mm}^2 - 25 \text{mm}^2$ L/N $2.5 \text{mm}^2 - 10 \text{mm}^2$ E: $2.5 \text{mm}^2 - 16 \text{mm}^2$ E: $2.5 \text{mm}^2 - 10 \text{mm}^2$
Dimensions (H x W x D)	225mm x 275mm x 85mm
Weight	Approximately 5kG
Enclosure	Mild steel
Ingress Protection	IP2X
Warranty	The matt:e <i>SP-RC-SPD</i> is guaranteed for a period of 1 years from the date of purchase. This warranty is limited to the replacement of faulty components only.

...Simplifying EV connection

