

SP-EVCP

Simplify EV charge point installation
with an SP-EVCP from **matt:e**





- Simplifies EV connection
- Standardises installation
- Time saving, simple wire in wire out connection
- Safe connection all year round, not seasonal like Earth rods
- Negates the separation distances from bonded services
- Eliminates the risk of striking buried services
- Offers a safer solution for your workforce
- Reduces expensive and disruptive civil works

The compliant alternative to earth rods for EV charge point installations on Single Phase infrastructures

The SP-EVCP range of connection centres help to simplify surveys, save time, disruption and costs during installation, eliminate the worry of simultaneous contact points and remove the risks of separation distances from and striking buried services offering a safe compliant alternative to Earth electrodes.

Designed for properties with Single Phase TN-C-S (PME) supplies and incorporate our unique protection device that disconnects all poles including CPC in line with BS 7671: 2018 Amendment 1: 2020. Regulation 722.411.4.1 (iv)

SP-EVCP connection units do not require an earth rod or measuring electrode to function correctly.

KEY PRODUCT FEATURES

- BS:7671:2018 Amendment 1: 2020 compliant
- Built in matt:e protection PCB
- Suitable for Single Phase loads up to 32amps
- Simple wire in wire out connection
- Units available with MCB, Type B RCD, Type A RCBO or terminals
- Option for whole-house current monitoring and load curtailment
- Compatible with all charge point manufacturers
- Standard 3 Year parts warranty
- Designed and Built in the UK

MAXIMUM DEMAND LOAD CURTAILMENT

All matt:e SP-EVCP units have the option to be supplied with additional functionality for load curtailment in line with regulation 722.311.201

This function isolates the charge point once the house consumption rises above a pre-set limit and automatically restores power to the charge point when the load falls back within limits.

- Saves time during survey,
- Helps ensure house consumption remains within DNO limits
- Ideal for new build developments
- Factory set at 60, 80 or 100A
- Simple plug and play connection

MODEL SPECIFICATIONS

Model Description	SP-EVCP-T	SP-EVCP-M	SP-EVCP-R	SP-EVCP-B
Input Volts	Single Phase 230V 50Hz	Single Phase 230V 50Hz	Single Phase 230V 50Hz	Single Phase 230V 50Hz
Max Load	32 amps	32 amps	32 amps	32 amps
Cable Entry Facility	Bottom, 2 x 25mm	Bottom, 2 x 25mm	Bottom, 2 x 25mm	Bottom, 2 x 25mm
Terminal Capacity	10.0mm ²	25mm L-N 16mm CPC	25mm L-N 16mm CPC	25mm L-N 16mm CPC
Internal protection	None	Double Pole MCB	Type A RCBO	Type B RCD MCB
Protection voltage range	216V—253V	216V—253V	216V—253V	216V—253V
Dimensions (H x W x D) mm	169 x 182 x 111	169 x 182 x 111	169 x 182 x 111	169 x 236 x 111
Weight	Approximately 3kG	Approximately 3kG	Approximately 3kG	Approximately 3KG
Enclosure	Mild Steel Powder Coated	Mild Steel Powder Coated	Mild Steel Powder Coated	Mild Steel Powder Coated
Ingress Protection	IP4X	IP4X	IP4X	IP4X

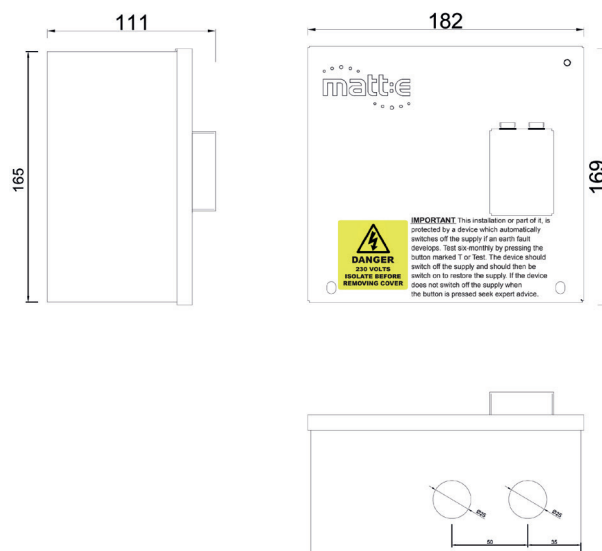
Warranty

The SP-EVCP connection units are guaranteed for a period of 3 years from the date of manufacture. This warranty is limited to the replacement of faulty components only.

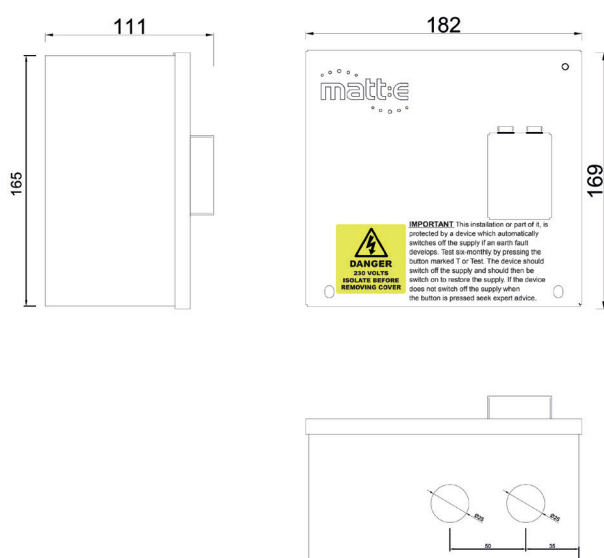
UNIT DIMENSIONS



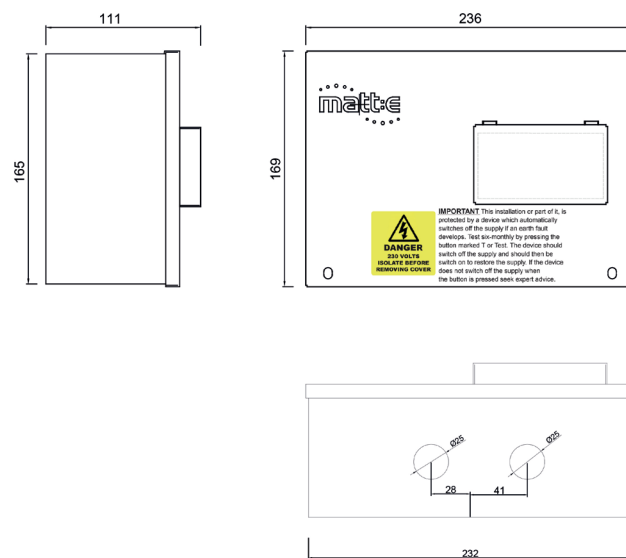
SP-EVCP-T



SP-EVCP-M

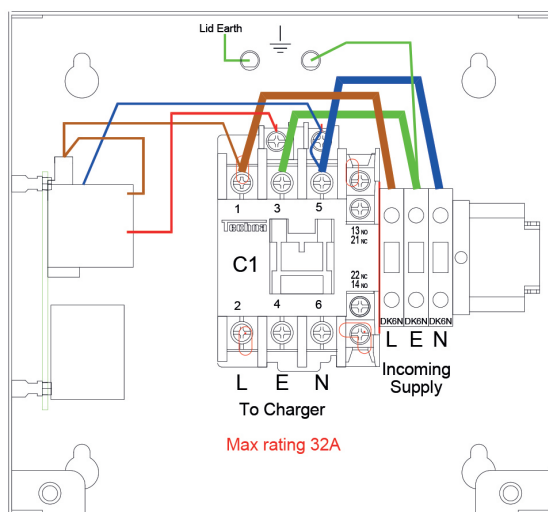


SP-EVCP-R

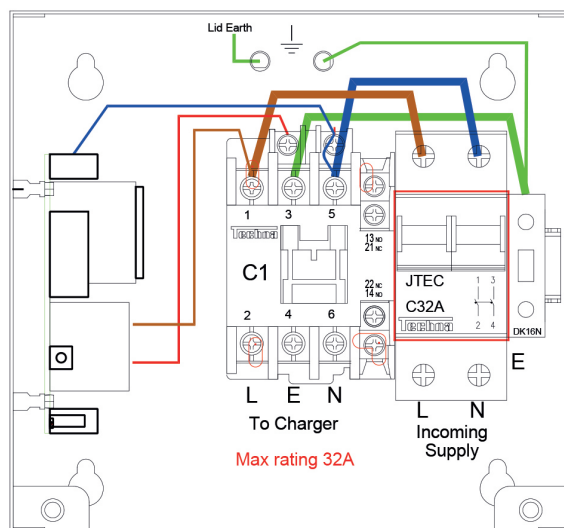


SP-EVCP-B

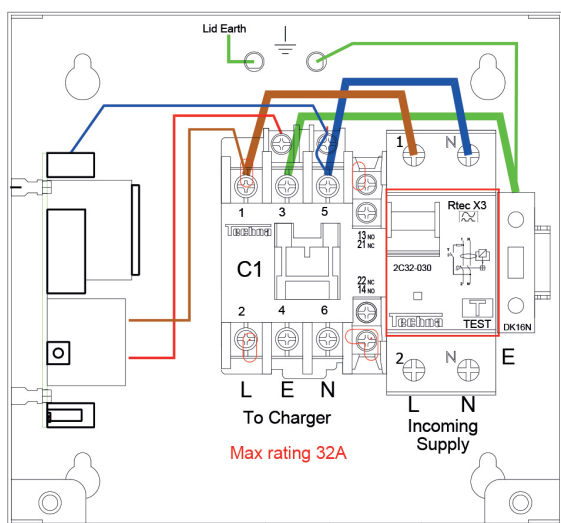
WIRING CONNECTIONS



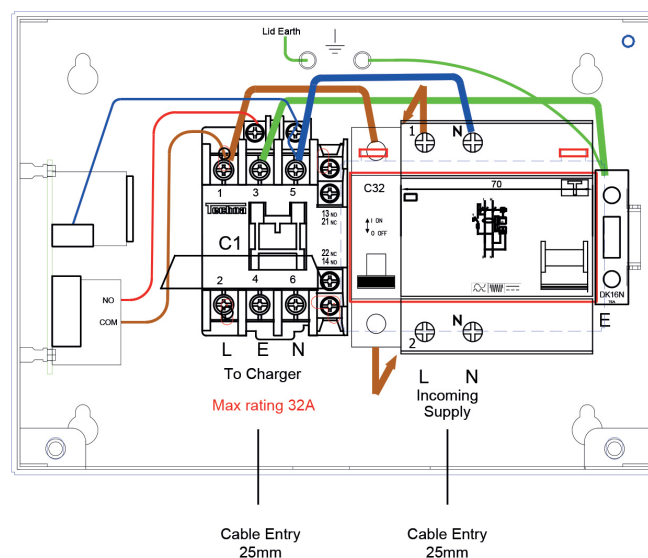
SP-EVCP-T



SP-EVCP-M



SP-EVCP-R



SP-EVCP-B

NOTES



01543 227290



info@matt-e.co.uk



matt-e.co.uk

matt:e Ltd
Unit 5 Common Barn Farm
Tamworth Road
Lichfield
WS14 9PX