

Connect EV

The simple solution when installing EV charge points onto PME (TN-C-S) systems

Are you installing EV chargers and aware of the latest guidance and regulations around earth connections on PME (TN-C-S) systems ?

Regulation 722.411.4.1(ii) requires a very low resistance earth electrode to mitigate the effects of an open circuit PEN conductor fault on the supply.

Installation of earth rods is not without its own difficulties. Replacing them with a Connect EV from matt:e ensures your installations stay compliant, while helping to simplify installation and minimise time and disruption to the client.

Furthermore as the Connect EV negates the requirement for the installation of earth rods, this helps to ensure the safety of the installer from associated dangers of driving rods through buried services.

- **No Earth rods**
- **No CAT scans**
- **No digging into expensive driveways**

The Connect EV comes as standard with built in mains isolator and RCD protection with optional extras including 'Type B' protection and kWh metering,



Simple single connection unit for EV charge points

BS7671 Amendment 3 compliant metal enclosure

Built in AC isolator and RCD protection

Option for 'Type B' protection and metering

Internal thermal protection

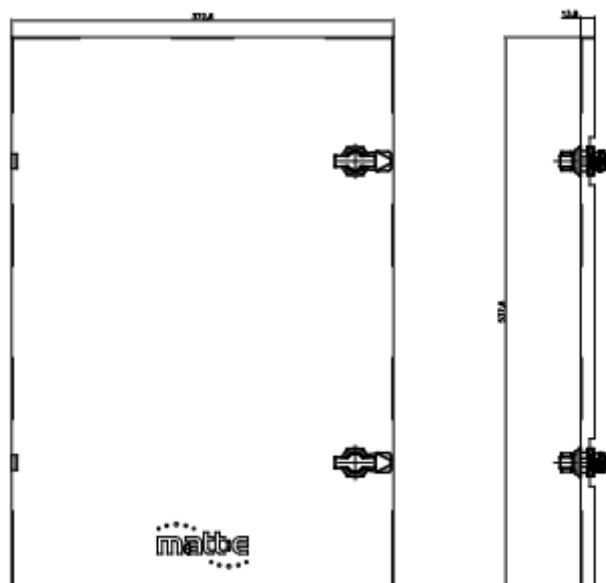
IP 44 rated

Designed and built in the UK

Standard 5 year transformer warranty

...Simplifying EV connection

Dimensions and Specifications



Description	EV connection unit
Input Volts	Nominal input voltage Single Phase 230V 50Hz
Max Load	32 amps
Cable Entry Facility	Bottom 2 x 25mm Diameter
Terminal Capacity	Incoming Live = 16.0mm ² Outgoing Live = 16.0mm ² Incoming Neutral = 16.0mm ² Outgoing Neutral = 16.0mm ²
Dimensions (H x W x D)	540mm x 375mm x 155mm
Weight	Approximately 50kG
Enclosure	Mild Steel Powder Coated
Ingress Protection	IP44
Warranty	The matt:e Connect EV is guaranteed for a period of 5 years from the date of purchase. This warranty is limited to the replacement of faulty components only.