

matt:e
IP-EVCP-M
Single Phase
Voltage
Monitoring



matt E IP-EVCP-M Single Phase Voltage Monitoring Owner's Manual

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matt E IP-EVCP-M Single Phase Voltage Monitoring



Specifications

- **Description:** Single-phase Voltage Monitoring and Protection Unit
- **Input Volts:** Nominal input voltage single-phase 230V 50Hz
- **Max Load:** 32 amps
- **Terminal Capacity:**
 - In L/N: 2.5mm² – 25mm²
 - Out L/N: 2.5mm² – 10mm²
- **Dimensions (H x W x D):** 300mm x 200mm x 129mm
- **Weight:** Approximately 3kg
- **Enclosure:** ABS-HB Flame Retardant Plastic
- **Ingress Protection:** IP65
- **Warranty:** The matt:e IP-EVCP-M (Cxx) is guaranteed for 3 years from the date of purchase. This warranty is limited to the replacement of faulty components only.

Product Usage Instructions

1. Installation:

1. Ensure the power source is turned off before installation.
2. Connect the input terminals following the specified terminal capacity.
3. Mount the unit securely in a suitable location.

2. Operation:

1. When powered on, the unit will monitor the voltage and provide protection.
2. If any abnormalities are detected, the unit will trigger appropriate actions.

3. Maintenance:

1. Regularly check for any signs of damage or wear.
2. Keep the unit clean and free from dust accumulation.

The IP-EVCP-M from matt:e is a simple single connection unit, which allows for the connection of 1 x 32amp single-phase charge point to the existing PME earthing facility. The unit incorporates our unique monitoring device that disconnects all poles including CPC in the event of a broken Neutral fault in line with Regulation

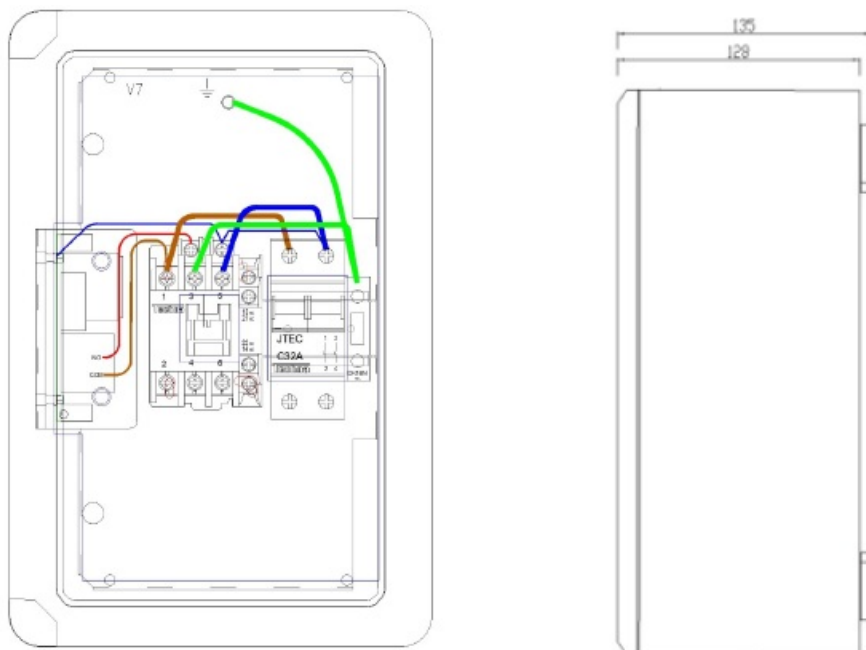
722.411.4.1(iv) and has the optional additional functionality for load curtailment in line with Regulation 722.311.20, isolating the charge point from the supply once the house consumption rises above the pre-set limit, and automatically restores the power to the charge point when the load falls back within a satisfactory level. The matt:e IP-EVCP-M technology does not require earth rods or measuring electrodes to function correctly.



Product Features

- Built-in matt:e technology
- NO EARTH ELECTRODES REQUIRED
- BS:7671 2018 Amendment 1 2020 compliant
- Suitable for 1 x 32amp load
- Built-in 32amp MCB
- Standard 3 Year parts warranty
- Simple wire in wire-in-wire-out connection
- ABS-HB Flame Retardant Plastic IP65 enclosure
- Designed and Built in the UK

Dimensions and Specifications



IP-EVCP-M

Description	Single-phase Voltage Monitoring and Protection Unit	
Input Volts	Nominal input voltage single-phase 230V 50Hz	
Max Load	32 amps	
Terminal Capacity	In L/N: 2.5mm ² -25mm ² m ² E: 2.5mm ² – 10mm ²	Out L/N 2.5mm ² – 10mm ² E: 2.5mm ² —16mm ²
Dimensions (H x W x D)	300mm x 200mm x 129mm	
Weight	Approximately 3kG	
Enclosure	ABS-HB Flame Retardant Plastic	
Ingress Protection	IP65	
Warranty	The matt:e <i>IP-EVCP-M</i> (Cxx) s guaranteed for 3 years from the date of purchase. This warranty is limited to the replacement of faulty components only.	

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FAQs

- **Q: What should I do if the unit triggers a protection action?**

A: If the unit activates a protection response, first ensure safety by disconnecting the power and then inspect for any issues in the electrical system.


- **Q: Can this unit be used for three-phase systems?**

A: No, this unit is specifically designed for single-phase systems with a nominal input voltage of 230V.

- **Q: Is professional installation required?**

A: It is recommended to have the unit installed by a qualified electrician to ensure proper setup and safety compliance.

Documents / Resources

	<p>matt E IP-EVCP-M Single Phase Voltage Monitoring [pdf] Owner's Manual IP-EVCP-M Single Phase Voltage Monitoring, IP-EVCP-M, Single Phase Voltage Monitoring, Voltage Monitoring, Monitoring</p>
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References

- matt-e.co.uk
- [User Manual](#)

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