



## **SP-EVCP-MC Single-Phase Voltage Monitoring**



# **matt E SP-EVCP-MC Single Phase Voltage Monitoring User Guide**

[Home](#) » [matt e](#) » matt E SP-EVCP-MC Single Phase Voltage Monitoring User Guide 

### **Contents**

- [1 Matt E SP-EVCP-MC Single-Phase Voltage Monitoring](#)
- [2 Product Usage Instructions](#)
- [3 Frequently Asked Questions](#)
- [4 INTRODUCTION](#)
- [5 Product Features](#)
- [6 Dimensions](#)
- [7 Specifications](#)
- [8 Customer Service](#)
- [9 Documents / Resources](#)
  - [9.1 References](#)



**Matt E SP-EVCP-MC Single-Phase Voltage Monitoring**



## Product Usage Instructions

### Installation

- Ensure the input voltage matches the specified nominal input voltage of 230V 50Hz.
- Connect the load according to the pre-set load management values of 60A, 80A, or 100A.
- Install the CT cable with a length of 1m into the designated terminals.
- Securely fasten the device in place using appropriate mounting hardware.

### Connection

- Connect the input and output terminals based on the specified terminal capacities for different cable sizes.
- Ensure proper cable entry through the designated cable entry facilities.

### Maintenance

- Regularly inspect the unit for any signs of damage or wear.
- Clean the enclosure as needed to maintain proper functionality.

## Frequently Asked Questions

- **Q: What is the warranty period for the SP-EVCP-MC unit?**
  - **A:** The unit is guaranteed for 3 years from the date of purchase, limited to the replacement of faulty components only.
- **Q: What is the maximum load supported by the device?**
  - **A:** The device supports a maximum load of 32 amps, with load management options pre-set at 60A, 80A, or 100A.
- **Q: What is the Ingress Protection rating of the enclosure?**

- **A:** The enclosure has an IP2X rating for protection against solid objects greater than 12.5mm in diameter.

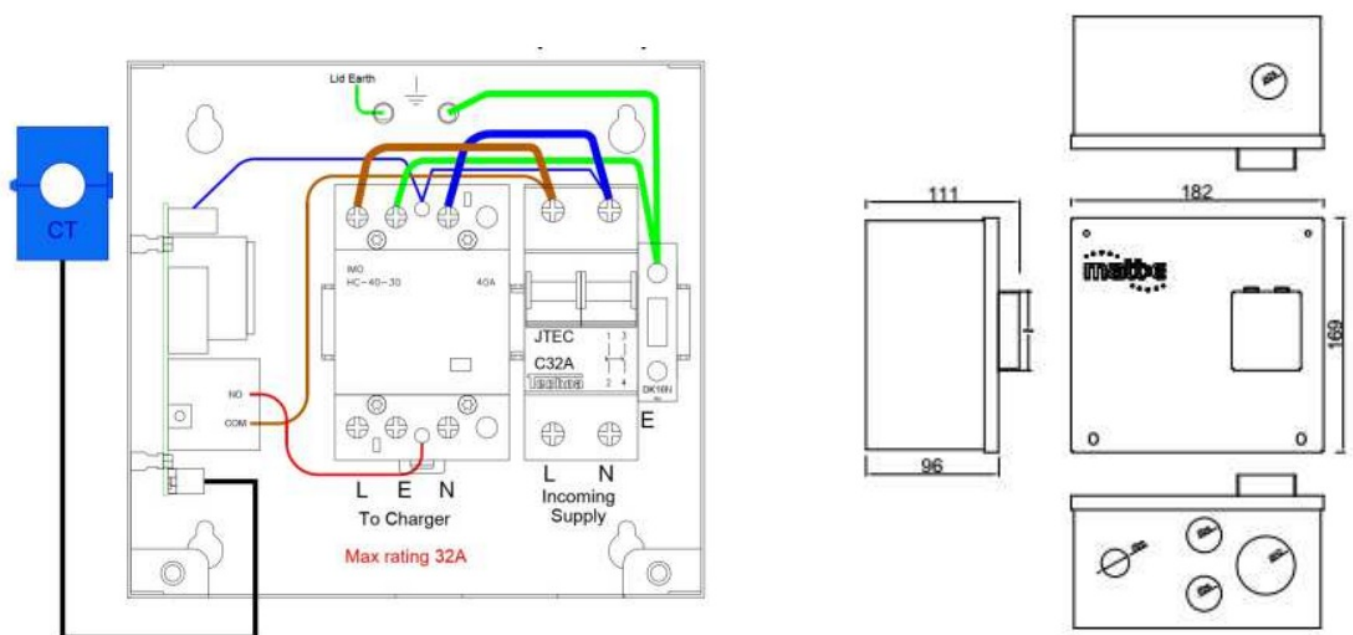
## INTRODUCTION

- The SP-EVCP-MC from matt:e 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 additional functionality for load curtailment in line with Regulation 722.311.201, 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.
- Creating a simple, single connection center that allows for connection to the existing PME earthing facility without the use of Earth electrodes saves time during survey and installation while offering a safe alternative for your workforce.

## Product Features

- Built-in matt:e technology
- BS:7671 2018 Amendment 1 2020 compliant
- NO EARTH ELECTRODES REQUIRED
- Load management with hard-wired CT, factory set at 60A,80A, or 100A
- CT with a simple plug-and-play connection
- Built-in 32amp Double Pole 32amp MCB
- Standard 3 Year parts warranty
- Mild steel IP2X enclosure
- Designed and Built in the UK

## Dimensions



## Specifications

- **Description** Single-phase Voltage Monitoring and Protection Unit
- **Input Volts** Nominal input voltage single-phase 230V 50Hz
- **Max Load** 32 amps
- **Load Management** Preset at 60A, 80, 100A
- **CT Cable Length** 1m
- **Cable Entry Facility** Bottom, 1 x 42mm 2 x 25mm 1 x 16mm
- **Terminal Capacity**
  - **In L/N:** 2.5mm<sup>2</sup> -25mm<sup>2</sup>
  - **E:** 2.5mm<sup>2</sup> —16mm<sup>2</sup>
  - **Out L/N** 2.5mm<sup>2</sup> – 10mm<sup>2</sup>
  - **E:** 2.5mm<sup>2</sup> – 10mm<sup>2</sup>
- **Dimensions** ( H x W x D ) 169mm x 182mm x 111mm
- **Weight** Approximately 3kG
- **Enclosure** Mild Steel Powder Coated
- **Ingress** Protection IP2X
- **Warranty** The matte SP-EVCP-MC is guaranteed for 3 years from the date of purchase. This warranty is limited to the replacement of faulty components only.

## Customer Service

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- w: [www.matt-e.co.uk](http://www.matt-e.co.uk)
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## Documents / Resources



[matt E SP-EVCP-MC Single Phase Voltage Monitoring](#) [pdf] User Guide  
SP-EVCP-MC60, SP-EVCP-MC Single Phase Voltage Monitoring, SP-EVCP-MC, Single Phase  
Voltage Monitoring, Voltage Monitoring, Monitoring

## References

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

[Manuals+](#), [Privacy Policy](#)

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