

matt E ARD-6-32-M-SPD Three Phase Connection Unit Owner's Manual

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matt E ARD-6-32-M-SPD Three Phase Connection Unit



Product Usage Instructions

Installation

- Ensure power is switched off before installation.
- Mount the ARD connection unit securely in a suitable location.
- Connect the input cables to the designated terminals based on the provided specifications.
- Route the load cables through the appropriate cable entry points.
- Check all connections for tightness and secure the unit in place.

Operation

- To operate the unit, ensure the isolator is in the 'ON' position.
- In case of a fault or overload, the auto-reset device will activate as needed.
- The Type 2 SPD provides additional surge protection for connected equipment.

Maintenance

- Regularly inspect the unit for any signs of damage or wear.
- Clean the enclosure as needed to prevent dust buildup.
- If any issues arise, contact customer support for assistance.

FAQ

- Q: What is the purpose of the auto-reset isolator?
 - A: The auto reset isolator helps to automatically disconnect power in case of a fault and then reconnect

once the issue is resolved, providing added safety and convenience.

- Q: How does the Type 2 SPD benefit my electrical system?
 - **A:** The Type 2 Surge Protection Device (SPD) helps protect connected devices from voltage spikes and surges, safeguarding them against potential damage.
- Q: How can I ensure compliance with relevant regulations during installation?
 - **A:** Follow the provided specifications and guidelines, and if unsure, consult a qualified electrician to ensure proper installation and compliance with regulations such as BS:7671.

Introduction

- The matt:e ARD connection centers with a unique 5 pole auto reset device and built-in Type 2 SPD.
- Simple to install, dedicated EV connection centers with built-in O-PEN® technology that allows for the connection of EV charge points to the PME earthing facility without the use of earth electrodes.
- Helping to facilitate compliance with BS:7671. 2018
- Amendment 2, 2022 Regulation 722.411.4.1. (iii).



Product Features and Benefits

- Built-in O-PEN® technology
- NO EARTH ELECTRODES REQUIRED
- · Helps reduce disruptive and costly groundwork
- · Removes the risk of striking buried services
- Simple wire-in-wire-in-wire-out connection
- Complete with Type 2 SPD
- With 6 x built-in 32A DP MCBs
- Mild steel IP4X enclosure
- Standard 1-year parts warranty.



Specifications

Input Volts	400V 50Hz
Max Load	63amps
Cable Entry Facility	Top and bottom
Terminal Capacity	25mm ²
Dimensions (H x W x D)	550mm x 360mm x 120mm
Weight	Approximately 7kG
Enclosure	Mild Steel Powder Coated
Ingress Protection	IP4X
Warranty	1 Year

CONTACT

- T: 01543 227290 | E: info@matt-e.co.uk | W: www.matt-e.co.uk
- Matt:e Ltd, Unit 1 Langley Brook Business Park, Middleton, Tamworth B78 2BP

Documents / Resources



matt E ARD-6-32-M-SPD Three Phase Connection Unit [pdf] Owner's Manual ARD-6-32-M-SPD Three Phase Connection Unit, ARD-6-32-M-SPD, Three Phase Connection Unit, Connection Unit, Unit

References

• © matt-e.co.uk

• User Manual

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