



EVU-3-32-R 3 Phase Connection Unit



matt E EVU-3-32-R 3 Phase Connection Unit Instructions

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matt E EVU-3-32-R 3 Phase Connection Unit



PRODUCT INFORMATION

- The EVU-3-32-R from matt:e is a simple, single dedicated connection unit with built-in O-PEN technology, that allows for the connection of 3 x 32amp single-phase charge points to the existing PME earthing facility.
- The unit incorporates a 5-pole isolator with built-in UV release which disconnects all poles including CPC in the event of a fault, manually resettable in line with BS: 7671:2018.
- Amendment 1: 2020. Regulation 722.411.4.1 (iii)
- The O-PEN technology does not require earth rods or measuring electrodes to function correctly.

Product Features

- Built-in matt:e O-PEN technology
- Standard mild steel IP4X enclosure
- NO EARTH ELECTRODES REQUIRED
- Phase loss protection
- Built in 5 pole mains isolator with manually resettable UV release
- Standard 1 Year parts warranty
- Simple wire in wire-in-wire-out connection
- With 3 x 32amp double pole Type A RCBOs
- Designed and Built in the UK

Dimensions and Specifications

Description	Dedicated EV connection centre
Input Volts	Nominal input voltage three-phase 400V 50Hz
Max Load	32 amps per phase
Cable Entry Facility	Top or bottom
Terminal Capacity	In – 50mm ² Out -25mm ²
Dimensions (H x W x D)	380mm x 300mm x 140mm
Weight	Approximately 7kG
Enclosure	Mild Steel Powder Coated
Ingress Protection	IP4X
Warranty	The matte <i>EVU-3-32-R</i> is guaranteed for 1 year from the date of purchase. This warranty is limited to the replacement of faulty components only.

Product Usage Instructions

• Installation:

- Ensure the power supply is switched off before installation.
- Connect the unit to a three-phase 400V 50Hz power source.
- Properly ground the unit for safety.

• Connecting EV:

- Identify the appropriate cable entry point (top or bottom).
- Connect the EV cables to the designated terminals based on their capacity.
- Ensure a secure connection to prevent any loose wiring.

• Maintenance:

- Regularly inspect the unit for any signs of damage or wear.
- Clean the enclosure with a soft, dry cloth to maintain its appearance.

FAQs

• Q: What is the warranty period for the EVU-3-32-R?

- **A:** The warranty is valid for 1 year from the date of purchase, covering replacement of faulty components.

• Q: Can this unit be used for single-phase connections?

- **A:** No, this unit is designed for three-phase connections only.

• Q: What is the Ingress Protection rating of the enclosure?

- **A:** The enclosure has an IP4X rating, providing protection against solid objects larger than 1mm.

CONTACT INFORMATION

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Documents / Resources



EVS-3-32-R 3 Phase Connection Unit, EVU-3-32-R, 3 Phase Connection Unit, Connection Unit

References

- User Manual

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

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