

VRS121000EES

100-253VAC Input 12VDC 1A Module Power Supply EU Plug (brick)

Overview

The VRS121000EBS & EES power supplies are designed to supply low voltage power for standalone IFS modules. These power supplies accept universal mains input voltages from 100 – 253Vac, and provide a regulated 12Vdc output with a maximum load of 1A.

Model Features

The VRS121000EBS is provided with a fixed mains cable and a moulded UK style 3 pin mains plug. The VRS121000EES is provided with a fixed mains cable and a moulded EU style 2 pin mains plug.

Installation Advice

This unit is only suitable for installation as permanently connected equipment. The PSU is NOT SUITABLE for direct external installation, unless fitted within an appropriate IP rated enclosure. The PSU should be installed according to all relevant safety regulations applicable to the application.

This unit must be fed from a mains power source having a separate (approved) disconnect device and fitted with a fuse or other over-current protection device rated at 3A maximum. Ensure that the disconnect device used has appropriate earth fault protection to the applicable standard.

Secure PSU case in position using cable ties or other suitable fastening to prevent movement



Details

- Efficient Switch Mode Operation
- Universal Mains Input Voltage 100 – 253Vac
- Fully Regulated 12Vdc output, 1A
- Overload & Short Circuit Protection
- Class II Double Insulated
- CE compliant (EN60950)

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Technical specifications

General

| | |
|----------------|----------------|
| Accessory type | Power Supplies |
|----------------|----------------|

Physical

| | |
|-----------------------|---|
| Input Connection | 1 meter mains cable fitted with moulded UK or EU plug |
| Output Connections | Black & White Stripe - positive, Black - negative |
| Dimensions | 65 x 45 x 26 mm |
| Weight | 0.3 kg |
| Operating Temperature | 0°C to +40°C |
| Storage Temperature | -20°C to +75°C |

Power

| | |
|--------------------------|---|
| Input Power | 100 - 253Vac, 50/60Hz, 16W |
| Output Voltage | 12Vdc nominal (11.4 - 12.6Vdc) |
| Output Current | 1A max continuous |
| Ripple at max current | <120mV pk-pk |
| Fuse (UK version only) | 250V 3A 250mm ceramic |
| Overload Characteristics | Electronic & Thermal Shutdown (N.B. In the event of an overload shutdown, disconnect from the mains for up to 20 seconds) |

Compliance

Low Voltage Compliant

EMC Compliant

WEEE Compliant

RoHS Compliant

