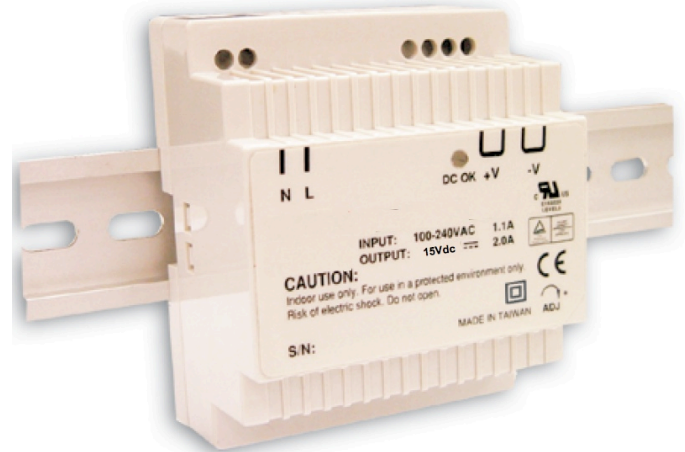


# PME3VA DIN rail PSU

**Cost-effective, switch mode power supply for securityJACE and remote reader modules**

The PME3VA DIN rail PSU converts mains AC voltage to 15Vdc in order to power the Tridium securityJACE controllers and associated remote reader and I/O modules. It is capable of powering the securityJACE and devices on the security RS485 network requiring power up to 30VA. Employing the latest switch mode powered circuitry housed in a compact DIN rail mounting enclosure, the PME3VA provides a cost-effective PSU solution. Screw terminal connectors ensure robust wiring to the JACE.



## Key features

- Provides 15Vdc for securityJACE and remote reader & I/O modules
- Universal AC/DC input
- Protections: Short circuit/ Overload/Over voltage
- Cooling by free air convection
- Isolation Class II
- Can be installed on DIN rail TS-35/7.5 or 15
- LED indicator for power on
- 100% full load burn-in tested

## Applications

The PME3VA should be mounted adjacent to the JACE or remote reader or I/O modules and has a maximum output of 30VA. Refer to the Security Power Estimating Sheet for actual power consumption requirements, which will vary depending on which model readers are being used. The PME3VA connects to the JACE using screw terminals.

## How to order

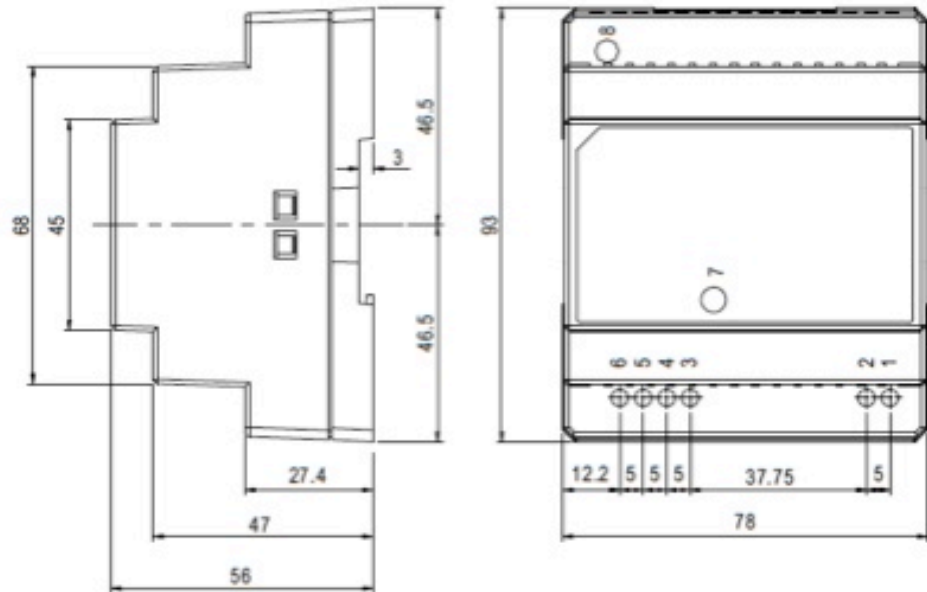
Product Code	Description
<b>PME3VA</b>	15Vdc output DIN rail mounting Power Supply, 30VA rated

# PME3VA DIN rail PSU

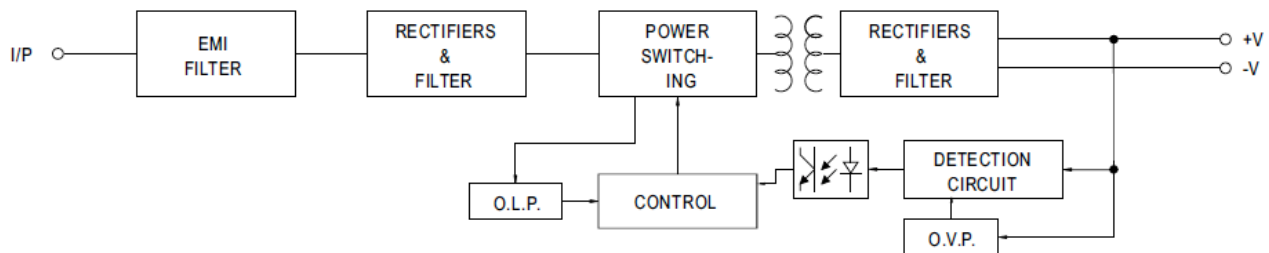
## Specifications

### Mechanical layout

All dimensions are in mm



### Function Block diagram



#### Output

DC Voltage	15V
Rated Current	2.0A
Current range	0 – 2.0A
Rated Power	30W
Ripple & Noise (max)	120mVp-p
Voltage tolerance	+/-1%
Line regulation	+/-1%
Load regulation	+/-1%
Setup, rise time	100ms, 30ms 230Vac & 115Vac
Hold up time (typical)	100ms/230Vac 21ms/115Vac

#### Input

Voltage range	85-264Vac 120-370Vdc
Frequency range	47-63Hz
Efficiency (typical)	82%
AC current (typical)	0.48A/230Vac 0.88A/115Vac
Inrush current (typical)	Cold start 30A/230Vac 15A/115Vac
Leakage current	<1mA/240Vac

#### Protection

Overload power	105-160% rated output
Protection type:	Shut down o/p voltage. Re-power on to recover
Over voltage	17.25 ~ 20.25V

#### Environment

Operating temperature range: -20 to 60°C  
Storage Temperature range: -40 to 85°C  
Relative humidity: 20 to 90%RH, non-condensing

#### Agency Listings

CE, UL508, TUV EN60950-1 approved, NEC class 2 /LPS compliant, EN55011, EN55022 (CISPR22), EN61204-3 Class B, EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV50204, EN61000-6-1, EN61204-3

**TRIDIUM**

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