TMS 12/90

VE791700



Stabilised switching power supply unit for DIN-rail mounted (7 modules), with primary voltage of 115-230 Vac or 110-350 Vdc and secondary voltage of 12 Vdc, power output 90 W. The device is designed for use in civil, commercial and industrial environments, in any area where stabilised DC voltage is required such as constant voltage LEDs, release coils, alarm systems, sensors, cameras, solenoid locks and solenoid valves.

General features

- A small, compact and easy-to-carry switching device with higher efficiency than a linear power supply.
- Output voltage adjustable via a dedicated trimmer shown on the connection diagram on the product
- Internal input protection fuse with electronic protection against thermal overload and short circuit, to avoid hazardous conditions for users or adjacent components
- Blue LED that visually provides the operating status of the power supply unit based on behaviour:
  - steady light: normal operation
  - flashing light: presence of anomalies, short circuit or output overload
  - off: no power supply or thermal protection intervention
- Electronic thermal protection against short circuits and overloads. Disconnect the power supply for 5 minutes and check that correct operation has been restored.
- Wiring diagram shown directly on the product

Technical specifications

Power supply	
Power supply	115 ÷ 230 Vac 210 ÷ 350 Vdc
Frequency	50 / 60 Hz
Functional characteristics	
Output current	7,5 A
Output voltage	12 Vdc
Output power	90 W
Operating conditions	
Operating temperature range	-10 ÷ 40 °C
Relative humidity	0% ÷ 95% RH
Insulation class	II
Terminations	
Maximum cable cross-section	2.5 mm²
Overall dimensions	
Height (A)	90 mm
Width (B)	124 mm

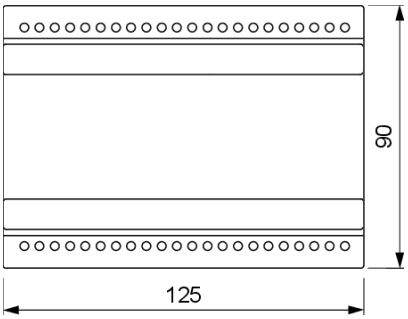
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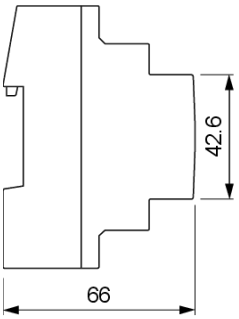
Overall dimensions	
Depth (C)	66 mm

Dimensions

Front View



Side View

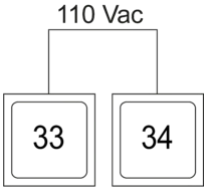


Wiring diagram



Terminal 13: Output Adjust
Terminal 11: Status LED

Graphic details



Insert jumper to enable
power 110 Vac input

Reference standards

Compliance with Community Directives:

• 2014/35/UE (LVD) • 2014/30/UE (EMCD) • 2011/65/UE e 2015/863/UE (ROHS)

is declared with reference to the following Standards:

• EN IEC 61000-6-3 • EN IEC 61000-6-1 • EN IEC 62386-1 • EN IEC 63000

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