

# Panel Meters and Controllers

## Power Supply Unit (DC/AC)

### Type PSU-DIN



- Power supply unit for general purpose
- DC input
- Stabilized AC voltage output
- For DIN-rail mounting
- Degree of protection: IP 40

### Product Description

Power supply unit for general purpose with DC inputs and stabilized AC voltage outputs. The housing is for DIN-rail mounting and ensures a degree of protection of IP 40.

### Type Selection

#### Power supply

- E:** Input: 9 to 16 VDC  
Output: 24 VAC<sup>1)</sup>
- F:** Input: 18 to 60 VDC  
Output: 48 VAC<sup>1)</sup>
- G:** Input: 80 to 240 VDC  
Output: 115 VAC (std) <sup>1)</sup> On request

### Output Specifications

<b>Rated voltages (AC)</b>	115 VAC stabilized, min. 8 mA, max. 50 mA 48 VAC stabilized, min. 20 mA, max. 125 mA 24 VAC stabilized, min. 40 mA, max. 250 mA The output is available only if a minimum load is connected. (See minimum currents above)
<b>Stability</b>	≤ 4% Un @ max. current
<b>Protection</b>	By fuses (5 x 20 mm): 115VAC: 160 mA T 48 VAC: 315 mA T 24 VAC: 1 A T
<b>Waveform</b>	Square
<b>No. of equipment powered</b>	2 x CVT-DIN, 1 x SPT-DIN, 1 x DI3-DIN, 1 x DI3-72, 1 x LDI3, 1 x SIU-PC85, 1 x SIU-DIN 8585

### Ordering Key

**PSU-DIN G**



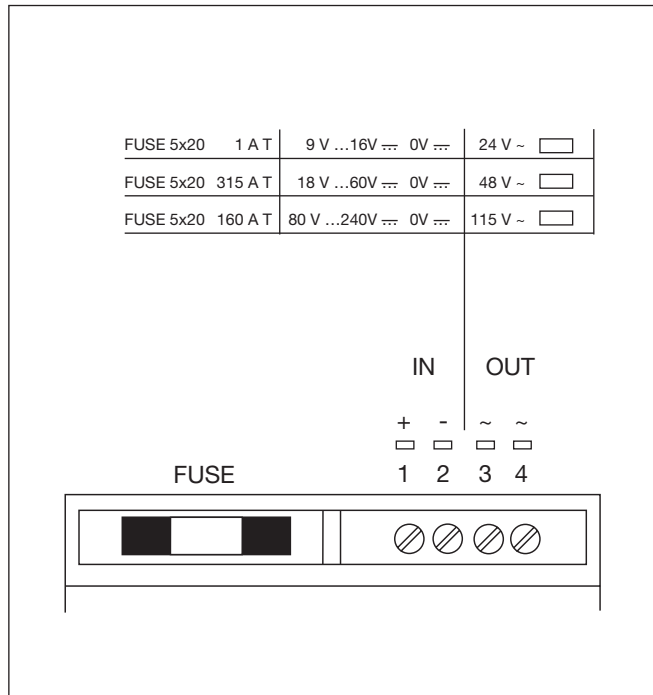
### Input Specifications

<b>Rated input</b>	80 to 240 VDC 18 to 60 VDC 9 to 16 VDC
<b>Power consumption</b>	9 W

### General Specifications

<b>Operating temperature</b>	0 to 50°C (32 to 122°F) (R.H. < 90% non-condensing)
<b>Storage temperature</b>	-10 to 60°C (14 to 140°F) (R.H. < 90% non-condensing)
<b>Insulation reference voltage</b>	300 V <sub>ms</sub> to ground
<b>Insulation</b>	Not insulated between input and output; the insulation is achieved by means of the power supply (transformer) input of the connected load
<b>Dielectric strength</b>	4000 V <sub>ms</sub> for 1 minute
<b>EMC</b>	EN 50 081-1, EN 50 082-1
<b>Safety standards</b>	IEC 61010-1, EN 61 010-1
<b>Connector</b>	Screw-type
<b>Housing</b>	
Dimensions	4-DIN modules, 89 x 71.5 x 58.5 mm
Material	ABS, self-extinguishing: UL 94 V-0
<b>Degree of protection</b>	IP 40
<b>Weight</b>	Approx 190 g (packing included)

## Terminal Board



## Dimensions

