

Panel Meters and Controllers

Power Supply Unit (AC/DC)

Type PSU-DIN

CARLO GAVAZZI



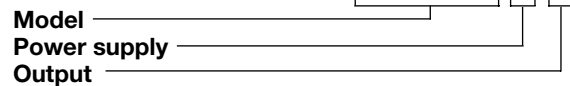
- Power supply unit for general purpose
- Stabilized output with short-circuit protection
- Stabilized and non-stabilized DC voltage outputs
- 4kV input/output insulation
- For DIN-rail mounting
- Degree of protection: IP 40

Product Description

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

Ordering Key

PSU-DIN D 5



Type Selection

Power supply	Output
A: 24 VAC, -15% +10%, 50/60 Hz ¹⁾	5: 5 VDC stabilized, 12 VDC not stabilized
B: 48 VAC, -15% +10%, 50/60 Hz ¹⁾	12: 12 VDC stabilized, 20 VDC not stabilized
C: 115 VAC, -15% +10%, 50/60 Hz ¹⁾	24: 24 VDC stabilized, 30 VDC not stabilized
D: 230 VAC, -15% +10%, 50/60 Hz (standard)	¹⁾ On request

Input Specifications

Rated input	230 VAC, -15% +10%, 50/60 Hz (standard), 24 VAC, 48 VAC, 115 VAC, -15% +10%, 50/60 Hz, (on request).
Power consumption	5.5 VA

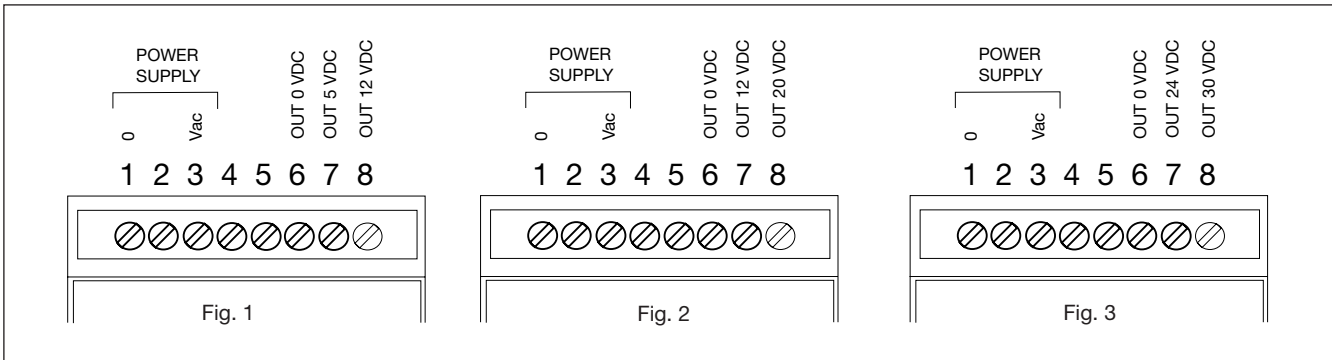
Output Specifications

Rated voltages (DC)	
Max. 200 mA:	5 VDC stabilized 12 VDC not stabilized
Max. 100 mA:	12 VDC stabilized 20 VDC not stabilized
Max. 50 mA:	24 VDC stabilized 30 VDC not stabilized
Ripple	
Stabilized output	≤ 0.5 % Un @ max. current
Not stabilized output	≤ 10 % Un @ max. current
Stability	≤ 0.5 Un @ max. current
Protection	Short-circuit (stabilized output only)
Insulation	4 kV between input and output

General Specifications

Indication	
Power-on	LED, red
Operating temperature	0 to 50°C (32 to 122°F) (R.H. < 90% non-condensing)
Storage temperature	-10 to 60°C (14 to 140°F) (R.H. < 90% non-condensing)
Insulation reference voltage	300 V _{ms} to ground
Dielectric strength	4000 V _{ms} for 1 minute
EMC	EN 50 081-1, EN 50 082-1
Safety standards	IEC 61010-1, EN 61 010-1
Connector	Screw-type
Housing	
Dimensions	3-DIN modules, 89 x 53.5 x 58.5 mm
Material	ABS, self-extinguishing: UL 94 V-0
Degree of protection	IP 40
Weight	Approx 250 g (packing included)

Terminal Boards



Dimensions

