

AGP-12-2 / AGP-24-1

Industrial power supplies for DIN-rail mounting



Features

- Switching power supply technology
- High EMC requirements
- Power components protection during overload and short circuit conditions
- Compact design
- DIN-rail mountable

Applications

- Powering industrial equipment (radio modems, controllers, transmitters)
- Powering measurement sensors
- Building automation

Description

AGP-12-2 and AGP-24-1 stabilized switching power supplies are designed for a wide variety of applications, including industrial and building automation, measuring and control technology, sensors and others.

AGP-12-2 and AGP-24-1 employ switching technology, converting the primary industrial mains voltage (220 V, 50 Hz), to secondary 12 and 24 V respectively. For mounting convenience 4 parallel galvanically non-isolated terminals are available.

AGP-12-2 and AGP-24-1 have LED indication of normal operation on front cover. Power supplies come in industry-standard ABS plastic cases and are DIN-rail mountable.

Specifications of AGP-12-2 (AGP-24-1)

Input	
Nominal input voltage	220 VAC \pm 20%
Nominal input frequency	50 Hz /DC...63 Hz/
Number of outputs	4, non-isolated
Output	
Output voltage	12 (24) VDC \pm 3%
Output current	2 (1) A
Output voltage ripple	<100 (150) mV
General	
Efficiency	85% typical
Dimensions	96 x 70 x 50 mm
Temperature range	-20...+60°C (from -40 with some derating)
DIN-rail type	35 x 7.5 mm

Order information

Basic products:

- AGP-12-2: DIN-rail power supply 12 V, 2 A
- AGP-24-1: DIN-rail power supply 24 V, 1 A

Related products:

- NEVOD+M: data acquisition module
- NEVOD-5: fixed-frequency telemetry radio modem
- NEVOD-5s: synthesized multiple channel telemetry radio modem