

din rail power supply



Description

The ComNet™ PS24-1A-DIN Rail Power Supply is the low profile solution for building automation. The PS24-1A-DIN is an environmentally hardened unit which is double insulated and ideal for most installations. Bi-color (Red/Green) LED indicators are provided for rapidly ascertaining equipment operating status.

Output voltage: 24VDC
Output power max: 30w
Output current: 1.3a
Number of outputs: 1

Features

- Low 2.2 inch profile for building automation
- Wide range AC input
- 24VDC Output
- Class II double insulation
- 25° to +71° operating temperature
- DIN Rail Mount
- Global use with no input selector switches
- Convection cooled
- No derating needed
- 2 Year Warranty

specifications

ELECTRICAL

Voltage Output:	24VDC
AC Voltage Input Range:	100 - 240VAC, Class II double insulated (No ground connection required)
Input Frequency:	47 - 63Hz
Rated Input Current (max)	800mA
Efficiency (typ):	>83%
Power (Watts):	30W
Current:	1.3A
Output Voltage Accuracy:	±1% of Nominal
Ripple and Noise (20 MHz BW):	50mV
Overvoltage Protection:	120 - 145%
Power Supply Type:	Switching (Closed Frame)

MOUNTING TYPE DIN Rail

SAFETY AGENCY APPROVALS UL1310 Class 2, UL508 Listed,
UL60950-1, EN60950-1, CE

POWER INDICATOR*

Red/Green LEDs

RoHS STATUS

RoHS Compliant

MECHANICAL

Size (in./cm.) (L×W×H)	
Rack Mount:	3.6 × 3.5 × 2.24 in., (9.0 × 8.9 × 5.7 cm)
Shipping Weight:	11.29 ounces/320 g

ENVIRONMENTAL

MTBF:	>100,000 hours
Operating Temp:	-25° C to +71° C, ambient (Derate linearly 2.5% / °C from 61-71°C)
Storage Temp:	-25° C to +85° C, ambient
Operating Humidity:	20 - 95% RH (non-condensing)
Conducted and Radiated EMI:	PS24: EN55022 Class A

* LED: GREEN = Power On
RED = Output Low

PART NUMBER	DESCRIPTION
PS24-1A-DIN	Switch Mode Power Supply

