

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
- Tested for functional operation at -40°C to 85°C
- 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:

&gt;100,000 hours

Operating Temp:

Tested for functional operation at  
-40°C to 85°C (-40°F to 185°F)

Storage Temp:

-40° 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

† May be extended to condensation conditions

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

