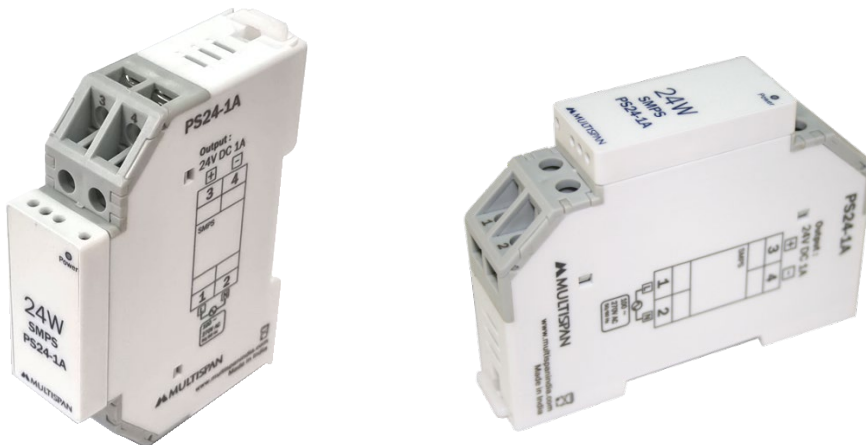


DC Power Supply – DCPS241A

Features

- 24W rated power.
- Compact Size
- LED Indicator for Power On
- Din Rail Mount

Product Images



Product Details

Part Number	Description
DCPS241A	DIN DC POWER SUPPLY 24W 100-240VAC / 24VDC 1A

Technical Specifications

Input Specification

- Supply Voltage: 100 to 270V AC±10%,(L-N)
- Frequency Range: 50/60 Hz
- AC Current (TYP.): 0.49A@100V AC - 0.24A@270V AC
- Efficiency (TYP.): >84%@230VAC
- Start-Up Time: <1 sec@230VAC & <3 sec@100VAC (Full Load)

Output Specification

- Output Voltage: 24V DC
- Output Current: 1A at 24V
- Ripple & Noise: Line & Load Regulation
- Hold-Up Time<60ms at 230VAC & >15ms at 100VAC (Full Load)

LED Indication

- LED 1 : Power ON

Protection

- Input Fused: 2A -250V AC Internal
- Output Overload: 110% to 120% of rated output Current protection
Protection Type : hiccup mode; recover automatically after fault condition is removed
- Output Short Circuit: Hiccup mode when output is shorted; Recovers automatically after fault condition is removed.
- Output Over Voltage: SMPS Latches off if output voltage Exceeds the specified output voltage Limits.
- Over Temperature: Power supply shuts down when the temperature goes above specified limit; Turns on automatically after temperature goes back to Normal operating conditions.

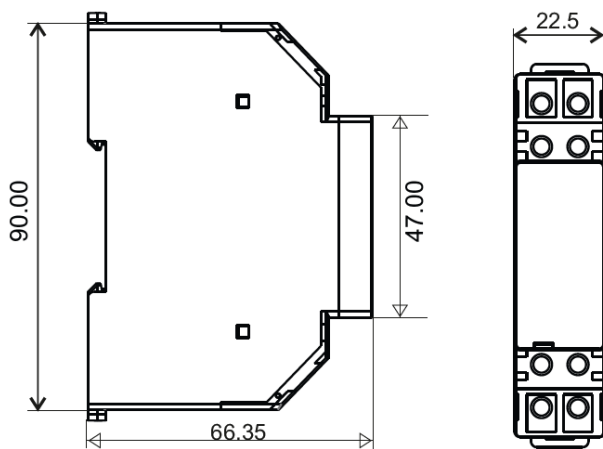
Physical

- Mounting Type: Din Rail Mount
- Size (H x W x D): 90 X 66.5 X 22.5
- Material: ABS

Environmental

- Working Temperature: -25°C to 50°C * De-rate output power at 3w/°C above +50°C Ambient
- Storage Temperature: -40°C to 85°C
- Relative Humidity: 95% RH Non-condensing
- Warm-Up Time: 5 minutes

Dimension Diagrams



Terminal Connection

