



240 W Single Output Industrial DIN-Rail Power Supply

TI-S24048 (v1.0R)

- IP30 rated industrial power supply with integrated DIN-rail mount
- Provides up to 240 Watts of power (48 V, 5 A)
- Built-in active PFC (PF > 0.93)
- Short circuit/overload/over voltage/over temperature protection
- High efficiency (94%) design
- UL 508 approved
- 100 % full load burn-in test
- Extreme -25 to 70 °C (-13 to 158 °F) operating temperature range

TRENDnet's high efficiency 240 W Single Output Industrial DIN-Rail Power Supply, model TI-S24048 (Mean Well SDR-240-48), supplies up to 240 Watts (48 V, 5 A) of power to industrial PoE equipment such as switches, network cameras, and WiFi access points. This IP30 rated power supply comes with active PFC, an integrated DIN-rail mount, and overload current protection.

**240
Watt**

240 Watt Power

Provides up to 240 Watts (48 V, 5 A) of power for PoE devices such as switches, network cameras, and access points



Active PFC

The built-in active Power Factor Controller (PFC, PF > 0.93) helps eliminate unusable reactive power



Overload Protection

Overload/short circuit/over voltage/over temperature protection



Full Load Test

This power supply undergoes a 100 % full load burn-in test



Passive Cooling

Cooling by free air convection



DIN-Rail Mount

IP30 rated metal enclosure with integrated DIN-rail mount



Extreme Temperatures

Rated for an operating temperature range of -25 to 70 °C (-13 to 158 °F)



Safety Certifications

Certified for UL 508 and TUV EN60950-1



Electro Magnetic Emission/Immunity

Compliance to EN55011, EN55022 (CISPR22), EN61204-3 Class B, EN61000-3-2/3, EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55024, EN61000-6-2, EN61204-3, heavy industry level, criteria A, SEMI F47, and GL approved



Vibration Resistant

Rated for vibration (IEC 60068-2-6)



LED Indicator

LED indicator confirms power to the unit

Specifications

Interface

- Input: 100-240 V AC, 50/60 Hz, 1.8 A 125-370 V DC
- Output: 240 Watts, 48 V, 5 A
- DIN-rail: TS-35/7.5 or 15

Housing

- IP30 metal case
- DIN-rail mount
- LED indicator confirms power to the unit

Special Features

- DC OK relay contact
- 150% peak load capacity
- Short circuit/overload/over voltage/over temperature protection
- Protection type: shut down and repower

Operating Temperature

- - 25 to 70 °C (- 13 to 158 °F)

Operating Humidity

- Max. 95 % non-condensing

MTBF

- 1,693,000 hours

Dimensions

- 63 x 125 x 114 mm (2.4 x 4.9 x 4.5 in.)

Weight

- 1.03 kg (2.3 lbs.)

Certifications (Mean Well)

- CE
- UL 508CB 60950-1
- TUV EN60950-1

Warranty

- 3 year limited

Package Contents

- TI-S24048 (Mean Well SDR-240-48)

