

POW-4841 48V DC Industrial Power Supply, 120W, DIN-Rail Mount, Universal AC Input 90-264V, Fanless

Product Images



Short Description

- **Type:** Industrial DIN-Rail Power Supply.
- **Output Voltage:** 48V DC.
- **Output Power:** 120W.
- **Input Voltage:** 90-264V AC, universal full range.
- **Mounting:** 35 mm DIN rail.
- **Cooling:** Fanless, free air convection.
- **Protections:** Short circuit, overload, over-voltage, over-temperature.
- **Applications:** Industrial control, factory automation, semiconductor fab, electro-mechanical apparatus, PoE infrastructure.

Description

The LevelOne POW-4841 is a 48V DC industrial power supply delivering 120W on a standard 35 mm DIN rail. Universal AC input from 90V to 264V works globally, and the 48V output suits PoE switches, injectors, and telecom-grade equipment.

Fanless free-air convection cooling means silent operation and no fan to fail. Full protection suite — short-circuit, overload, over-voltage, and over-temperature — keeps the supply and downstream loads safe when a fault occurs in the field.

Built for industrial control cabinets, factory automation lines, semiconductor fabrication tooling, and electro-mechanical apparatus where 120W of clean 48V DC is needed in a compact DIN-rail format.

Additional Information

Harmonized System (HS) code.	850440
Customs product code (TARIC).	8504409500
Features.	OUTPUT: RIPPLE & NOISE (max.) : 150mVp-p VOLTAGE ADJ. RANGE : 48 ~ 55V VOLTAGE TOLERANCE Note.3: ±1.0% LINE REGULATION: ±0.5% LOAD REGULATION :±1.0% SETUP, RISE TIME: 1200ms, 60ms/230VAC 2500ms, 60ms/115VAC at full load HOLD UP TIME (Typ.): 16ms/230VAC 10ms/115VAC at full load
Color.	Silver
EAN.	4015867206492
Model Number.	POW-4841
Dimensions (W x D x H).	125.2 x 113.5 x 40 mm
Product weight (kg).	0,6
Power input.	AC CURRENT (Typ.): 90 ~ 264VAC, 127 ~ 370VDC FREQUENCY RANGE: 47 ~ 63Hz AC CURRENT (Typ.): 2.25A/115VAC, 1.3A/230VAC INRUSH CURRENT (Typ.): 20A/115VAC, 35A/230VAC LEAKAGE CURRENT: <1mA / 240VAC OVER VOLTAGE: 56 ~ 65V
Power Output.	DC VOLTAGE 48V RATED CURRENT: 2.5A CURRENT RANGE: 0 ~ 2.5A RATED POWER: 120W
Approval and Compliance.	EN 55032 (CISPR32) Class A EN 61000-3-2,-3,EACTPTC020,CNS13438 Class A EN 61000-4-2,3,4,5,6,8,11 EN 61204-3 EN 55035 EN 61000-6-2 (EN 50082-2) MTBF:2718.3K hrs min. Telcordia SR-332 (Bellcore) ; 474.7K hrs min. MIL-HDBK-217F (25)
Operating humidity.	20% RH ~ 95% RH
Operating temperature.	-20°C ~ 60°C
Storage humidity.	10% RH ~ 90% RH
Storage temperature.	-40°C ~ 75°C
Package Contents.	POW-4841

