

DIN-Rail Power Supplies



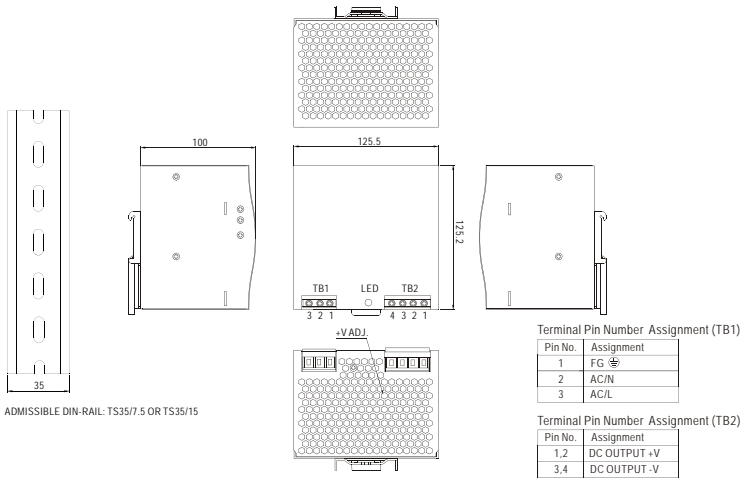
Features

- ✓ Universal AC input/Full range
- ✓ Built in active PFC function
- ✓ Protections: Short circuit/Overload/Over voltage/Over temp.
- ✓ Cooling by free air convection
- ✓ Can be installed on DIN-Rail TS-35/7.5 or 15
- ✓ UL 508 (industrial control equipment) approved
- ✓ LED indicator for power on.
- ✓ 100% full load burn-in test
- ✓ Fix switching frequency at 100KHz
- ✓ 3 years warranty



DRP-240 Series

Dimensions



Hardware Specifications

Output

Model	DRP-24024	DRP-24048
DC Voltage	24V	48V
Rated Current	10A	5A
Current Range	0-10A	0-5A
Rate Power	240W	240W
Ripple & Noise	80mVp-p	150mVp-p
Voltage ADJ. Range	24-28V	48-53V
Voltage Tolerance	± 1.0%	± 1.0%
Line Regulation	± 0.5%	± 0.5%
Load Regulation	± 1.0%	± 1.0%
Setup, Rise Time	800ms, 40ms/230VAC 800ms, 40ms/115VAC at full load	
Hold up Time	24ms/230VAC 24ms/115VAC at full load	

Environmental

Operating Temp: Regular: -10 to 70°C

Storage Temp: -20 to 85°C (-4 to 185°F)

Operating Humidity: 20%-90% RH (Non-condensing)

Regulatory Approvals

Safety: UL508, UL 60950-1, TUV EN60950-1

EMI: EN55011, EN55022 (CISPR22) Class B

Harmonic Current: EN61000-3-2, -3

EMS: EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV50204, ENV55024, EN61000-6-2 (EN50082-2)

Others

MTBF: 105.5K hrs min. MIL-HDBK-217F

Dimensions: 125.5*125.2*100mm (L*W*H)

Weight: 1.2kg

Input

Model	DRP-24024	DRP-24048
Voltage Range	85-264VAC/176-264VAC 120-370VDC	
Frequency Range	47-63Hz	
Efficiency	84%	85%
AC Current	2.8A/115VAC 1.4A/230V	
Inrush Current	Cold Start 27A/115VAC 45A/230VAC	
Leakage Current	<3.5mA/240VAC	

Protection

Model	DRP-24024	DRP-24048
Over Voltage	30-36V	54-60V
AC Current	105-150% rated output power	