



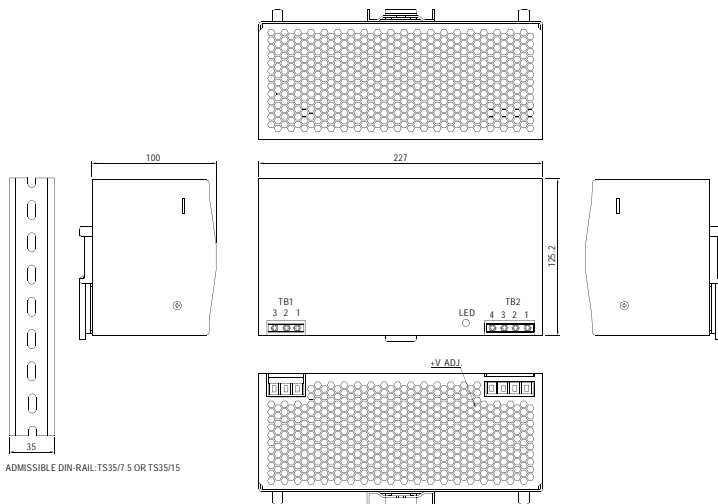
DRP-480 Series

Features

- ✓ Built in passive PFC function compliant to EN61000-3-2
- ✓ High efficiency 89% and low dissipation
- ✓ Protections: Short circuit/Overload/Over voltage/Over temp.
- ✓ Cooling by free air convection
- ✓ Built in constant current limiting circuit
- ✓ Can be installed on DIN-Rail TS-35/7.5 or 15
- ✓ UL 508 (industrial control equipment) approved
- ✓ EN61000-6-2 (EN50082-2) industrial immunity level
- ✓ 100% full load burn-in test
- ✓ 3 years warranty



Dimensions



Terminal Pin No. Assignment (TB1)

Pin No.	Assignment
1	AC/L(DC+)
2	AC/N(DC-)
3	FG

Terminal Pin No. Assignment (TB2)

Pin No.	Assignment
1,2	DC OUTPUT +V
3,4	DC OUTPUT -V

Environmental

Operating Temp: Regular: -20 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: EN55022 (CISPR22) Class B
Harmonic Current: EN61000-3-2, -3
EMS: EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV50204
 EN61000-6-2 (EN50082-2)

Others

MTBF: 180.9K hrs min. MIL-HDBK-217F
Dimensions: 227*125.2*100mm (W*H*D)
Weight: 2.4kg

Hardware Specifications

Output

Model	DRP-48024	DRP-48048
DC Voltage	24V	48V
Rated Current	20A	10A
Current Range	0-20A	0-10A
Rate Power	480W	480W
Ripple & Noise	120mVp-p	120mVp-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	120ms, 40ms/230VAC	800ms
Hold up Time	16ms/230VAC	

Input

Model	DRP-48024	DRP-48048
Voltage Range	180-264VAC/250-370VDC	
Frequency Range	47-63Hz	
Efficiency	89%	89%
AC Current	4A/230VAC	
Inrush Current	Cold Start 40A/230VAC	
Leakage Current	<3.5mA/240VAC	

Protection

Model	DRP-48024	DRP-48048
Over Voltage	30-36V	54-60V
AC Current	105-150% rated output power	