

DRP-480S Series

480W Single Output DIN Rail Power Supplies



FEATURES

- AC input range selectable by switch
- Built in passive PFC function
- Short circuit, overload, over voltage, over temperature protected
- Cooling by free air convection
- Built in constant current limiting circuit
- Can be installed on DIN rail TS-35/7.5 or 15
- UL508 (industrial control equipment) approved
- EN61000-6-2 (EN50082-2) industrial immunity level
- 100% full load burn-in test
- 3 year warranty

ENVIRONMENTAL

Operating Temp: -20 to +70°C (with de-rating)

Storage Temp: -40 to +85°C

SAFETY / EMC (SEE NOTE 4)

EN60950
UL60950
UL508

EN55011 (CISPR11)
EN55022 (CISPR22)
EN61204-3 Class B
EN61000-3-2,-3
EN61000-4-2, 3, 4, 5, 6, 8, 11
ENV50204
EN61204-3
EN61000-6-2 (EN50082-2)
Heavy industry level, criteria A



ELECTRICAL SPECIFICATIONS

Model No.	DRP-480S-XX	
XX	24	48
AC Input	90-132/180-264VAC, 1 Phase, 47-63Hz	
DC Input	254-370VDC	
DC Output		
Voltage	24V	48V
Current	0-20A	0-10A
Rated Power	480W	480W
Ripple & noise (p-p)	120mV	120mV
Voltage Tolerance	±1.0%	±1.0%
Line Regulation	±0.5%	±0.5%
Load Regulation	±1.0%	±1.0%
Overload	Constant I limiting. Recovers automatically when fault removed	
Over Voltage	Shuts down O/P volts. Re-power on to recover	
Over Temperature	Shuts down O/P volts. Recovers automatically when temp goes down	
Dimensions	227(W) x 125.2(H) x 100(D)mm	
Weight	2.6Kg	

- Notes:**
1. All parameters *NOT* specially mentioned are measured at 230VAC input, rated load and 25°C ambient temperature.
 2. Ripple and noise are measured at 20MHz bandwidth by using a 12" twisted pair wire terminated with a 0.1µF and 47µF parallel capacitor.
 3. Tolerance includes set up tolerance, line and load regulation.
 4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.

Specifications subject to change without notice

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