

# DRH-120 Series

## 120W Single Output DIN Rail Power Supplies



### FEATURES

- 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
- 1 year warranty

### ENVIRONMENTAL

Operating Temp: -20 to +60°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  
EN61000-4-2, 3, 4, 5, 6, 8, 11  
ENV50204  
EN61204-3  
EN61000-6-2 (EN50082-2)  
Heavy industry level, criteria A

### ELECTRICAL SPECIFICATIONS

Model No.	DRH-120-XX	
XX	24	48
AC Input	340-550VAC, 1 Phase, 47-63Hz	
DC Input	480-780VDC	
DC Output		
Voltage	24V	48V
Current	0-5A	0-2.5A
Rated Power	120W	120W
Ripple & noise (p-p)	80mV	80mV
Voltage Tolerance	±1.0%	±1.0%
Line Regulation	±0.5%	±0.5%
Load Regulation	±0.5%	±0.5%
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	65.5(W) x 125.2(H) x 100(D)mm	
Weight	0.75Kg	

**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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