



Industrial Networking Solutions

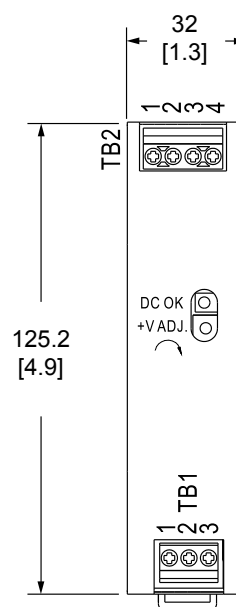
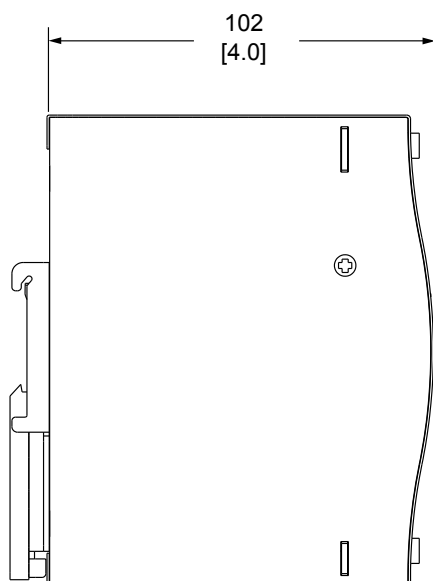
Power Supplies



24 VDC Industrial Power Supply | DIN-Rail Mount | Metal Housing



Part Number [MFG #]	Output Power	O/P Current Loading Rated	O/P Current Max.	Ripple Noise	Efficiency	Over Voltage Protection	MTBF
PSDR-75-24 [SDR-75-24]	24VDC 75W Single Output	3.2A	3.2A	100mVp-p	89%	29-33VDC	Exceed 481,900 hrs (55.77 years)



Feature Highlights:

- High Efficiency 90% and low power dissipation
- 150% peak load capability
- Protections: Short circuit/Overload/Over voltage/ Over temperature
- Cooling by free air convection
- 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 bum-in test
- 3 years warranty



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Specifications & Approvals



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Output		
Peak Current	4.69A	
Peak Power	112.5W (3sec.)	
Voltage Adj. Range	24 ~ 28V	
Voltage Tolerance	±1.0%	
Line Regulation	±0.5%	
Load Regulation	±1.0%	
Setup, Rise Time	1500ms, 60ms/230VAC 3000ms, 60ms/115VAC at full load	
Hold Up Time (Typ.)	80ms/230VAC 20ms/115VAC at full load	
Input		
Voltage Range	88 ~ 264VAC 124 ~ 370VDC DC input operation possible by connecting AC/L(+), AC/N(-)	
Frequency Range	47 ~ 63Hz	
Efficiency (Typ.)	89%	
Ac Current (Typ.)	1.4A/115VAC 0.85A/230VAC	
Inrush Current (Typ.)	30A/115VAC 50A/230VAC	
Leakage Current	<1mA / 240VAC	
Protection		
Overload	Normally works within 110 ~ 150% rated output power for more than 3 seconds and then shut down o/p voltage, re-powr on to recover	
	150%~170% rated power, constant current limiting with auto-recovery within 3 seconds, and then shut down o/p voltage after 3 seconds, re-powr on to recover	
Over Voltage	29 ~ 33V	
	Protection type	Shut down o/p voltage, re-powr on to recover
Over Temperature	100°C ±10°C	
	Protection type	Shut down o/p voltage, re-powr on to recover after temperature goes down

Environmental Limits		
Working Temp.		-30°C ~ 70°C (-22°F ~ 158°F)
Working Humidity		20 ~ 95% RH non-condensing
Storage Temp., Humidity		-40°C ~ 85°C (-40°F ~ 185°F), 10 ~ 95% RH
Temp. Coefficient		±0.03%/°C (0 ~ 50°C)
Regulatory Approvals		
Safety Standards		UL508, TUV EN60950-1 approved, design refer to GL
Withstand Voltage	I/P-O/P	3KVAC
	I/P-Fg	2KVAC
	O/P-Fg	0.5KVAC
Isolation Resistance		I/P-O/P, I/P-FG, O/P-FG:>100M Ohms / 500VDC / 25°C/ 70% RH
EMC Emission		EN55022 (CISPR22) EN61204-3 Class B EN61000-3-2,-3
EMC Immunity		EN61000-4-2,3,4,5,6,8,11 EN55024 EN61000-6-2 (EN50082-2) EN61204-3, heavy industry level, criteria A, SEMI F47 approved
Vibration	Component	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes
	Mounting	IEC60068-2-6
MTBF		481.9K hrs min. MIL-HDBK-217F (25°C)
Warranty		3 years