

# PDA1024-01

## DIN-RAIL MOUNTED POWER SUPPLY



### General Specifications

<b>Input Voltage</b>	85 ~ 264VAC 120 ~ 370VDC
<b>Input Frequency</b>	47 ~ 63Hz
<b>AC Current</b>	0.88A/115VAC 0.48A/230VAC
<b>Inrush Current</b>	15A/115VAC 30A/230VAC cold start
<b>Setup, Rise Time</b>	100ms, 30ms/230VAC 100ms, 30ms/115VAC at full load
<b>Hold Time</b>	100ms/230VAC 21ms/115VAC at full load
<b>Over Load Protection</b>	105 ~ 160% rated output power. Constant current limiting, recovers automatically after fault condition is removed
<b>Over Voltage Protection</b>	Shut down o/p voltage, re-power on to recover
<b>Working Temperature</b>	-20°C to +60°C (Refer to output load derating curve)
<b>Working Humidity</b>	20% to 90% RH non-condensing
<b>Storage Temp., Humidity</b>	-40°C to +85°C , 10% to 95%RH
<b>Temp. Coefficient</b>	±0.03%/°C (0 to 50°C)
<b>Vibration</b>	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes
<b>Safety Standards</b>	UL60950-1, TUV EN60950-1 Approved, Design refer to EN50178
<b>Withstand Voltage</b>	I/P-O/P:3KVAC
<b>Isolation Resistance</b>	I/P-O/P:100M Ohms/500VDC
<b>EMC</b>	Compliance to EN55011,EN55022 (CISPR22) Class B, EN61000-3-2,-3 EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV50204, EN55024, EN61000-6-1, EN61204-3 Light industry, Criteria A
<b>MTBF</b>	441.5K hrs min. MIL-HDBK-217F (25°C)

DC Voltage	Rated Current	Current Range	Rated Power	R&N	Volt. Adj.	Tol.	Line Reg.	Load Reg.	Eff.	OVP
24V	1.5A	0-1.5A	36W	150mV	21.6 ~ 26.4V	±1.0%	±1.0%	±1.0%	83% ~	27.6 ~ 32.4V