

CIRCUIT-TEST

RPT Series Power Adapters

- AC/DC Adapter - 24VDC 2.1A
- Energy Efficiency Level VI
- Universal Input (100 - 240 VAC)
- No Load Power Consumption <0.21W
- Over Voltage, Over Current and Short Circuit Protection
- UL, cUL Safety Approvals



SPECIFICATIONS

MODEL	RPT50-24-P5-A3
INPUT	
Voltage	100 - 240 VAC
Frequency	50 - 60Hz
Current	1.2A Max
Inrush Current	70A Max (at 230VAC, full load, cold start, 25°C)
Power Consumption (no load)	< 0.21W (at 115VAC/230VAC)
OUTPUT	
Voltage	24VDC
Current	2.1A
Regulation	±5% Typical
Power	50W Max
Ripple & Noise	240mVp-p Max
PROTECTIONS	
Over Voltage Protection	Vout 180% Max
Short Circuit Protection	Output shutdown, auto recovery
Over Current Protection	Iout 180% Max
SAFETY	
Safety Approvals	UL, cUL,
Efficiency	DoE LEVEL VI, NRCan
Dielectric Strength	Primary to Secondary at 10mA for 1 minute: 3000Vac
Insulation Resistance	Primary to Secondary 500Vdc: 10Mohm
EMI/EMC	FCC Class B
Leakage Current	Less than 3.5mA
MTBF	300,000 hours (calculated at 25°C per Telcordia SR-332)
RoHS	Compliant
ENVIRONMENTAL	
Operating Temperature	0 to 40°C
Storage Temperature	-20 to +80°C
Operating Humidity	20 to 80% RH
Storage Humidity	10 to 90% RH

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MECHANICAL SPECIFICATIONS

MODEL	RPT50-24-P5-A3
Dimensions	115 x 53 x 38mm (LxWxH)
Weight	258g
Input Socket	IEC 60320 C14
Output Plug	2.1 x 5.5mm Plug, Centre Positive

