

CIRCUIT-TEST

RPT Series Power Adapters

- AC/DC Adapter - 24VDC 8.3A
- 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

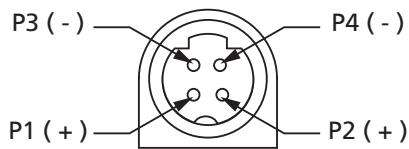
| MODEL | RPT200-24-D4-A3 |
|-----------------------------|---|
| INPUT | |
| Voltage | 100 - 240 VAC |
| Frequency | 50 - 60Hz |
| Current | 2.8A Max |
| Inrush Current | 100A Max (at 230VAC, full load, cold start, 25°C) |
| Power Consumption (no load) | < 0.21W (at 115VAC/230VAC) |
| OUTPUT | |
| Voltage | 24VDC |
| Current | 8.3A Max |
| Regulation | ±5% Typical |
| Power | 200W Max |
| Ripple & Noise | 240mVp-p Max |
| PROTECTIONS | |
| Over Voltage Protection | Vout 150% Max |
| Short Circuit Protection | Output shutdown |
| Over Current Protection | Iout 150% Max |
| Over Temperature Protection | Output shutdown |
| 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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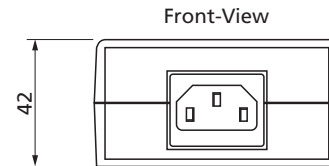
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MECHANICAL SPECIFICATIONS

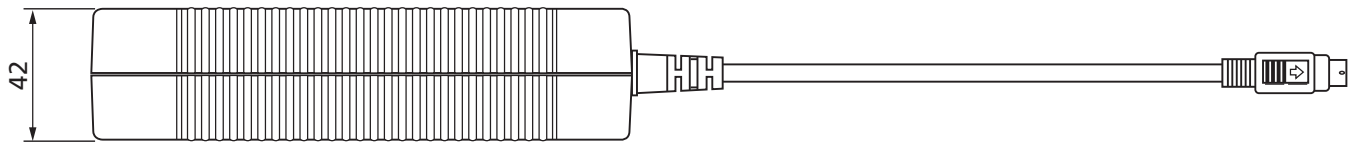
| MODEL | RPT200-24-D4-A3 |
|--------------|-------------------------|
| Dimensions | 183 x 81 x 42mm (LxWxH) |
| Weight | 820g |
| Input Socket | IEC 60320 C14 |
| Output Plug | 4 Pin Din Plug |



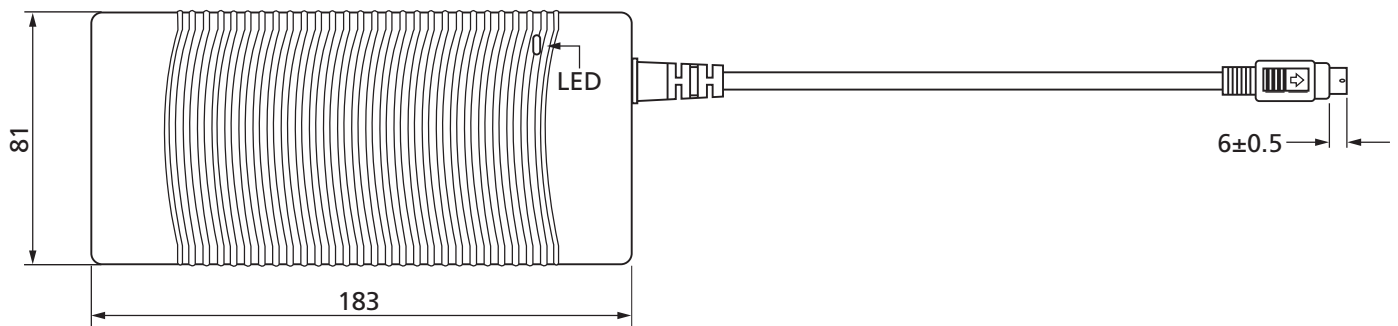
Output Cable Plug Pin Assignment



Side-View



Top-View



Bottom-View

