

PWR Power Module Series

Hot-swappable power modules for PT-G7728/G7828 Series switches



Features and Benefits

- -40 to 85°C wide operating temperature
- IEC 61850-3 and IEEE 1613 compliant

Certifications



Introduction

The PWR Power Module Series hot-swappable power modules are designed for the PT-G7828 Layer 3 and PT-G7728 Layer 2 IEC 61850-3 Ethernet switches. The power modules allow the switches to use 24/48 VDC or 110/220 VAC/VDC.

Specifications

Power Parameters

Input Voltage	<p>PWR-LV-P48: 24/48 VDC for the switch system 48 VDC for PoE systems (53 to 57 VDC is recommended for PoE+ devices)</p> <p>PWR-HV-P48: 110/220 VDC/VAC 48 VDC for PoE systems (53 to 57 VDC is recommended for PoE+ devices)</p>
Operating Voltage	<p>PWR-LV-P48: 18 to 72 VDC for the switch system 46 to 57 VDC for PoE systems</p> <p>PWR-HV-P48: 88 to 300 VDC, 90 to 264 VAC 46 to 57 VDC for PoE systems</p>
Reverse Polarity Protection	Supported
Alarm Contact Channels	1 relay output with current carrying capacity of 2 A @ 30 VDC or 0.5 A @ 125 VAC
Physical Characteristics	
Weight	300 g (0.66 lb)
MTBF	
Time	PWR-HV-P48: 1,401,713 hrs PWR-LV-P48: 1,372,587 hrs
Standards	Telcordia (Bellcore), GB

Warranty

Warranty Period	5 years
Details	See www.moxa.com/warranty

Ordering Information

Model Name	Input Voltage	Operating Voltage
PWR-LV-P48	24/48 VDC	18-72 VDC
PWR-HV-P48	110/220 VDC/VAC	88-300 VDC, 90-264 VAC

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