

PWR Power Module Series

Hot-swappable power modules for the PT-G7728/G7828 Series and MDS-G4012/20/28 Series



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-G7728/G7828 Series and MDS-G4012/20/28 Series. The power modules allow the switches to use 24/48 VDC or 110/220 VAC/VDC.

Specifications

Power Parameters

Input Voltage	<p>PWR-HV-P48: 110/220 VDC/VAC for the switch system 48 VDC for PoE systems (53 to 57 VDC is recommended for PoE+ devices)</p> <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-NP: 110/220 VDC/VAC for the switch system</p> <p>PWR-LV-NP: 24/48 VDC for the switch system</p>
Operating Voltage	<p>PWR-HV-P48: 88 to 300 VDC, 90 to 264 VAC for the switch system 46 to 57 VDC for PoE system</p> <p>PWR-LV-P48: 18 to 72 VDC for the switch system 46 to 57 VDC for PoE systems</p> <p>PWR-HV-NP: 88 to 300 VDC, 90 to 264 VAC for the switch system</p> <p>PWR-LV-NP: 18 to 72 VDC for the switch system</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	PWR-HV-P48: 360 g (0.79 lb) PWR-LV-P48: 360 g (0.79 lb) PWR-HV-NP: 340 g (0.75 lb) PWR-LV-NP: 340 g (0.75 lb)
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MTBF

Time	PWR-HV-P48: 1,401,713 hrs PWR-LV-P48: 1,372,587 hrs PWR-HV-NP: 2,556,214 hrs PWR-LV-NP: 2,710,293 hrs
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Standards	Telcordia (Bellcore), GB
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Warranty

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

Ordering Information

Model Name	Input Voltage	Operating Voltage
PWR-HV-P48	110/220 VDC/VAC 48 VDC for PoE systems	88-300 VDC, 90-264 VAC 46 to 57 VDC for PoE systems
PWR-HV-NP	110/220 VDC/VAC	88-300 VDC, 90-264 VAC
PWR-LV-P48	24/48 VDC 48 VDC for PoE systems	18-72 VDC 46 to 57 VDC for PoE systems
PWR-LV-NP	24/48 VDC	18-72 VDC

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