PWR Power Module Series

Hot-swappable power modules for Moxa 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 Moxa switches. The power modules allow supported switches to use 24/48 VDC or 110/220 VAC/VDC.

Specifications

Power Parameters

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

MTBF

Time	PWR-HV-P48: 1,530,831 hrs PWR-LV-P48: 1,388,747 hrs PWR-HV-NP: 2,556,214 hrs PWR-LV-NP: 2,710,293 hrs
Standards	Telcordia (Bellcore), GB

Warranty

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

Ordering Information

Model Name	Input Voltage	Operating Voltage	Supported Series
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	PT-G7728 Series PT-G7828 Series MDS-G4012 Series MDS-G4020 Series MDS-G4028 Series MDS-G4012-L3 Series MDS-G4020-L3 Series MDS-G4028-L3 Series
PWR-HV-NP	110/220 VDC/VAC	88-300 VDC, 90-264 VAC	PT-G7728 Series PT-G7828 Series MDS-G4012 Series MDS-G4020 Series MDS-G4028 Series MDS-G4012-L3 Series MDS-G4020-L3 Series MDS-G4028-L3 Series MDS-G4012-4XGS Series MDS-G4020-4XGS Series MDS-G4028-4XGS Series MDS-G4012-L3-4XGS Series MDS-G4020-L3-4XGS Series MDS-G4028-L3-4XGS Series
PWR-LV-P48	24/48 VDC 48 VDC for PoE systems	18-72 VDC 46 to 57 VDC for PoE systems	PT-G7728 Series PT-G7828 Series MDS-G4012 Series MDS-G4020 Series MDS-G4028 Series MDS-G4012-L3 Series MDS-G4020-L3 Series MDS-G4028-L3 Series
PWR-LV-NP	24/48 VDC	18-72 VDC	PT-G7728 Series PT-G7828 Series MDS-G4012 Series MDS-G4020 Series MDS-G4028 Series MDS-G4012-L3 Series MDS-G4020-L3 Series MDS-G4028-L3 Series MDS-G4012-4XGS Series MDS-G4020-4XGS Series MDS-G4028-4XGS Series MDS-G4012-L3-4XGS Series MDS-G4020-L3-4XGS Series MDS-G4028-L3-4XGS Series

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