

DC Power Supply Module For the ION 19-Slot Chassis

The ION Platform is an intelligent, high-density, multi-protocol system supporting a variety of network interface devices. Designed for both carrier class and enterprise network applications where multiple points of fiber integration and secure network management of the fiber interface devices is essential.

The ION chassis can support up to two power supply modules which mount in the rear of the chassis. A single power supply can be used to power all the devices installed in the chassis; however the system can be made redundant with the use of a second power supply. Configuration options include an instant fail-over mode as well as a load-sharing mode.



Ordering Information

IONPS-D-R1
Redundant -48 VDC Power Supply Module for 19-Slot ION Chassis

Optional Accessories (sold separately)

IONDCR-R1
Dry contact relay module for DC Power Supply - See Below

Specifications

Application	Up to 2 power supply modules can be used in the 19-slot ION chassis, ION219-D
Status LEDs	PWR(Power): Indicates the power supply module is providing power to the ION chassis
Dimensions	Width: 8.3" [211 mm] Depth: 9" [229 mm] Height: 3.4" [86 mm]
Power Input	48 VDC (40-60 VDC) @ 5A
Environment	Operating: 0°C to 50°C Humidity: 5% to 95% (non-condensing) Altitude: 0 – 10,000 ft.
Weight	2 lbs. [0.98 kg]
MTBF	40,00 MIL-HDBK-217F hours 110,000 Bellcore hours
Certifications	UL Listed (UL60950), FCC Class A, CISPR Class A, CE Mark
Warranty	Lifetime

IONDCR-R1

Dry Contact Relay Module

The IONDCR-R1 is a field installable dry contact relay module for the IONPS-D-R1 power supply. This module mounts in the lower right-hand corner of the IONPS-D-R1 face-plate, allowing the power supply to be tied into a separate alarm circuit. Contacts will be activated on the loss of power, enabling an external visual or audible alarm.

Applications for this type of fault alarm output would include enterprise networks as well as in industrial applications. The dry contact relay modules provides another layer of fault indicators, complementing network management software by providing a signal to either a local or remote alarm system.



Ordering Information

IONDCR-R1
Dry contact relay module for DC Power Supply

Specifications

MTBF	Greater than 250,000 Hours (MIL-HDBK-217F) Greater than 687,500 Hours (Bellcore)
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