

IONDCR-R1 (Dry Contact Relay) Kit

DC Power Supply Module For The ION 19-Slot Chassis

Install Guide

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 by various configurable conditions, enabling an external visual or audible alarm.

To install the IONDCR-R1

1. Turn main power OFF to the power supply.
2. Remove the two screws holding the power supply to the chassis - keep the screws.
3. Remove the power supply from the chassis.
4. Remove the screw holding the DCR Blank Plate to the power supply (see Figure 1). Keep the screw.

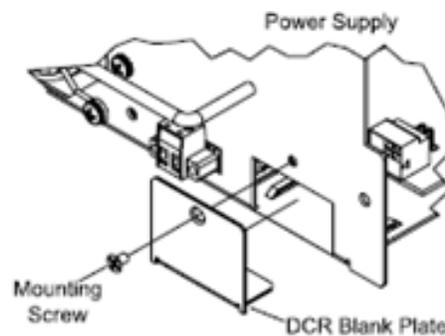


Figure 1. Removing the Blank Plate

5. Locate the Dry Contact Relay.
6. Position the DCR at the power supply slot (see Figure 2).

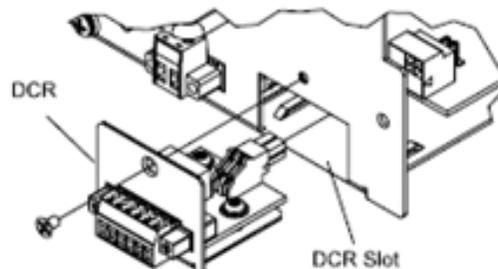


Figure 2. DCR Insertion Position

7. Carefully slide the DCR completely into the slot, aligning the DCR 4-pin right-angle header to the socket on the power supply PC board (see Figure 3).

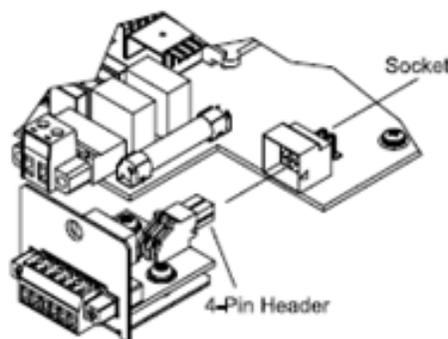
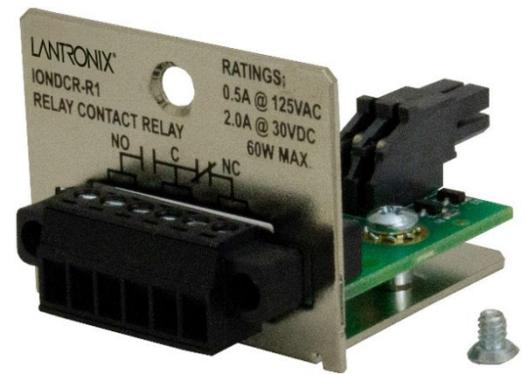


Figure 3. 4-pin Right-angle Header to Socket Insertion



8. Insert and tighten the provided screw to secure the DCR to the power supply chassis (see Figure 4).

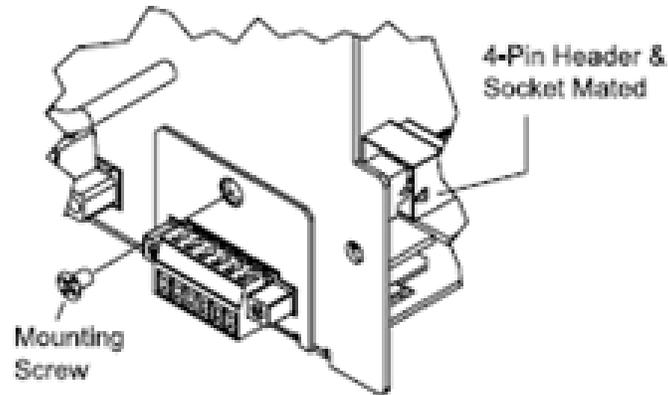


Figure 4. Securing the DCR to the Chassis

9. Reinstall the power supply into the chassis, using the Power Supply Replacement procedure in the ION219-x chassis manual (33412).

Reference Illustrations



Specifications

MTBF:

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

Note: Some Documentation may have Transition Networks named or pictured. Transition Networks was acquired by Lantronix in August 2021.

Related Information

For Lantronix Firmware, Application Notes, Product Bulletins, etc. go to the [Technical Resource Center](#).
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