

LIEBERT® RPC2™ COMMUNICATIONS MODULE

Quick Installation Guide



The RPC2™ Communications Module provides network and environmental sensor connectivity for the Liebert™ rack PDU family of products. It provides Ethernet and serial communication interfaces as well as the ability to connect up to four rack PDUs in an array, sharing one IP address. Devices powered by a rack PDU can be remotely controlled and monitored through the RPC2's various interfaces. The RPC2 also supports the connection of an optional external LCD display. Please see the RPC2 Communications Module Installer/User Guide for further information.

The following are instructions to install and configure the communications module in the rack PDU.

Setting up the RPC2 Communications Module

The RPC2 can be accessed either via DHCP (factory default) or static IP boot mode through the network (LAN) port. To find the DHCP IP address, see the MPH2™ Rack PDU Installer/User Guide. To configure the static IP boot mode, the network settings must be changed via the link port as follows.

1. Locating the communication card bay

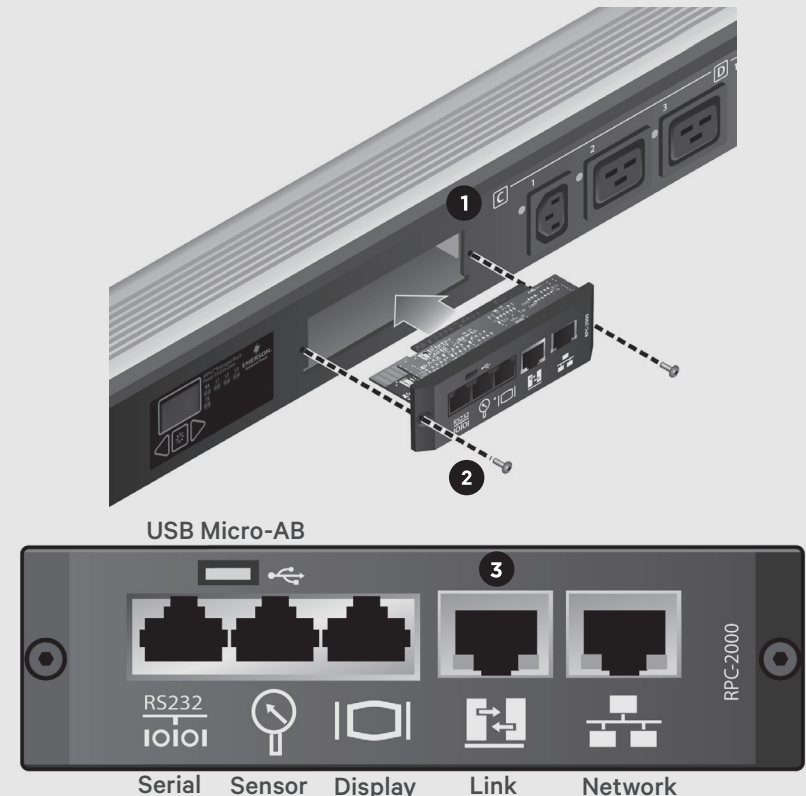
Find the communication card bay on the rack PDU. It may have a removable cover.

2. Inserting the RPC2 communications module

Insert the RPC2 communications module into the card bay and secure it by tightening the captive thumbscrews.

NOTE: The RPC2 factory default boot mode is DHCP for the LAN port, so no changes are necessary.

RPC2™ Communications Module Installation



3. Connecting a laptop

Connect a CAT5 Ethernet cable (not included) from a laptop to the RPC2's link port.

NOTE: Do not connect the link port to your network. The RPC2's link port should only be used for local configuration or linking together a Rack PDU Array™.

4. Configuring the RPC2 through the link port

To establish communication through the link port, first configure the laptop's Ethernet adaptor with the following settings:

IP Address: 192.168.1.9
Subnet mask: 255.255.255.252
Default gateway: 192.168.1.1

5. Entering the link port IP address

Open a web browser and enter 192.168.1.10. When prompted, enter **admin** for both the login and the password and click the Login icon or press **Enter**.

6. Configuring the network

Click the *System* tab and click *Settings - Network* in the navigation tree. Click the Edit icon in the right pane. Select *Static* for the IPV4 Boot Mode and enter the IP address, subnet mask and default gateway in the proper fields. See your network administrator for these settings.

7. Restarting the RPC2

Click the Save icon when finished and click the Reboot icon to restart the RPC2. Disconnect the cabling at the link port. Connect the CAT5/5E/6 cable from the LAN to the RPC2 communication module's network port.

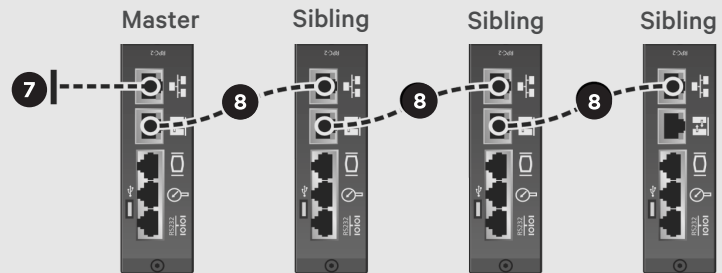
8. Creating a Rack PDU Array

Connect a CAT5 Ethernet cable to the link port of the master RPC2. Then connect the other end of the CAT5 Ethernet cable to the network port of a sibling RPC2 on a second MPH2. This rack PDU is now a sibling unit and is accessible through the master RPC2. Two additional rack PDUs can be connected to the array by following the same cabling procedure. Each newly added rack PDU is discovered as the next sibling.

NOTE: The rack PDU array supports up to four RPC2 communication modules.

NOTE: If the array order needs to be changed, disconnect the cabling for at least 30 seconds. Then reconnect as desired. It is not necessary to reboot or power cycle the RPC2 communications module.

Rack PDU Array Configuration



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