Never turn on any equipment when there is evidence of fire, water, or structural damage.

An EMP can be installed without turning off power to the ePDU or the devices connected to it.

You can install the EMP either before or after ePDU installation and startup.

Read and understand the operator’s manual before using this equipment.
DESCRIPTION AND FEATURES
The optional Environmental Monitoring Probe (EMP) enables you to collect temperature and humidity readings in the frame environment and monitor the environment data remotely. You can also collect and retrieve the status of one or two contact devices (user-provided).

You can monitor readings locally using the ePDU G3 LCD menu display. You can monitor readings remotely using a Telnet connection or a standard Web browser. This provides greater power management control and flexible monitoring options.

The EMP device is delivered with a screw and screw anchor, Velcro fasteners, tie wraps, and a connection cable. You can mount the EMP in a convenient location on the rack or on the wall (see illustrations below). Use either the Velcro straps or the supplied screw and screw anchor as follows:

1. Mount the EMP within the enclosure environment, attach one Velcro fastener to the EMP and the other Velcro fastener to an enclosure rail post. Then, press the two Velcro strips together to secure the EMP to the rail post.
2. Mount the EMP on the wall close to the rack, use the supplied screw and screw anchor. Then, mount the EMP on the screw. (The EMP has a universal slot on the rear for mounting the EMP on a screw in any direction.)
3. Use the supplied tie wraps to secure the Ethernet cable out of the way as needed.

NOTE: If the supplied cable is not long enough for your installation, you can use another Ethernet cable up to a length of 20m (65.6 ft.).

INSTALL AND CONNECT THE EMP TO THE ePDU
To install and connect the optional EMP to the ePDU (as illustrated on the previous page):

1. Mount the EMP in a convenient location on the rack or on the wall (see illustrations below). Use either the Velcro straps or use the supplied screw and screw anchor as follows:
   - To mount the EMP within the enclosure environment, attach one Velcro fastener to the EMP and the other Velcro fastener to an enclosure rail post. Then, press the two Velcro strips together to secure the EMP to the rail post.
   - To mount the EMP on the wall close to the rack, use the supplied screw and screw anchor. Then, mount the EMP on the screw. (The EMP has a universal slot on the rear for mounting the EMP on a screw in any direction.)
2. Locate the Ethernet cable (supplied). Connect one end of the cable to the RJ-45 connector on the EMP, then connect the other end of the cable to the RS-232 connector on the ePDU.
3. Use the supplied tie wraps to secure the Ethernet cable out of the way as needed.

The EMP is an optional accessory that is packaged separately from the ePDU G3.

Inspect the product before installation. If the product is damaged in any way, see the Service and Support section.

NOTE: Always use proper lifting and carrying techniques when unpacking and moving equipment packing cartons and components.

SERVICE AND SUPPORT
For questions or problems, please call your local distributor or the Eaton Customer Support Center at one of the following telephone numbers and ask for an EMP ePDU G3 technical representative:

- United States: 1.800.356.5737
- All other countries: Contact your local service representative.

Please have the following information ready when you call the Eaton Customer Support Center:
- Model number
- Serial number
- Symptoms of failure or problem
- Customer return address
- Contact information

If repair is required, you will be given a Returned Material Authorization (RMA) Number. This number must appear on the outside of the package and on the Bill of Lading (if applicable). Use the original packaging or request packaging from the Eaton Customer Support Center or distributor. Units damaged in shipment as a result of improper packaging are not covered under warranty. A replacement unit will be shipped, freight prepaid for all units under warranty.

CONNECT AN EXTERNAL CONTACT DEVICE TO THE EMP
To connect an external device to the EMP:

1. Connect the external contact closure inputs to the terminal block on the EMP (see the table and the figure below):
   - External contact device 1. Connect the return and signal input wires from device 1 to screw terminals 1 and 2.
   - External contact device 2. Connect the return and signal input wires from device 2 to screw terminals 3 and 4.
2. Tighten the corresponding tightening screws on top of the EMP to secure the wires.

NOTE: External contact devices can be normally open (NO) or normally closed (NC).

```
<table>
<thead>
<tr>
<th>Device</th>
<th>Terminal Number</th>
<th>Normally Open or Normally Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>External Contact Device 1 Connection</td>
<td>1</td>
<td>Contact 1 Return: Normally Closed</td>
</tr>
<tr>
<td>External Contact Device 2 Connection</td>
<td>3</td>
<td>Contact 2 Return: Normally Closed</td>
</tr>
</tbody>
</table>

NOTE: On startup, the ePDU automatically recognizes the EMP. For more detailed information, refer to the Eaton Enclosure Power Distribution Unit ePDU G3 Operation Manual at http://eaton.com/ePDUG3.

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