



WARNING: Before assembling and installing a Liebert® MPX™, read and understand all warnings and cautions in the Liebert® MPX™ Rack Power Distribution Unit User Manual which can be downloaded at www.VertivCo.com.

Vertiv strongly recommends that the MPX power entry module (PEM) be installed by an individual who is properly trained and qualified to perform electrical work.

The MPX rack PDU contains high voltage that can cause serious personal injury or death. Install the unit in a restricted-access location.

Connecting input power before the MPX PEM is installed can cause arc flash and can result in death. Do not connect input power to the MPX PEM until the MPX rack PDU

is fully assembled.

Do not connect more than one MPX PEM to an MPX power rail chassis (PRC). Installing more than one MPX PEM will result in serious injury or equipment damage.

To attach an MPX™ PEM to an MPX™ PRC:

1. Preparing for installation

Ensure the module's circuit breaker is in the off/open position and the screw latches at each end of the MPX PEM are positioned to fit into the MPX PRC slot.

2. Aligning the MPX PEM power blades

Position the MPX PEM so the power blades align with the power bus on the MPX PRC.

3. Positioning and connecting the module to the MPX PRC

Hold the MPX PEM at an angle against the MPX PRC end cap and

press down so that the MPX PEM power blades engage firmly into the MPX PRC power bus.

4. Securing the module to the MPX PRC

Use the provided tamper-resistant Torx™ (TR20) screwdriver bit to press each screw latch downward. Turn the screw latch 90 degrees (one-quarter turn) to seat the locking tab. Turn the screw latch an additional 180 degrees (one-half turn) until it locks.

WARNING: Do not use power tools or pneumatic equipment to secure the screw latch.

Do not turn the screw latch more than 270 degrees (a three-quarter turn).

NOTE: If using a torque-limiting screwdriver, carefully press the screw downward first before turning. To prevent

damage to the latches, do not exceed a maximum torque of 18 in/lbs (2 Nm).

5. Verifying MPX™ PEM installation

Conduct a visual inspection to verify the MPX PEM has been properly installed. A slight side-to-side rocking of the module should not cause separation from the MPX PRC surface.

6. Connecting the MPX™ IPC (for the MPXPEM-NVAXXAX model only)

Insert the MPX IPC connector in the MPX PEM installed on the MPX PRC. See the MPX IPC Quick Installation Guide for installation steps.

7. Installing the RPC web card

If used, install the optional RPC™ web card. See the RPC-1000™ Communications Module Installer/User Guide or the RPC2™ Communications Module Installer/User Guide for further instructions.



To contact Vertiv Technical Support: visit www.VertivCo.com

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