

Liebert® MPX™ PEM™

Quick-Start Guide - North American and European Applications

Rack Installation

1. Unpack the Liebert MPX shipment, inspect all items for damage and verify that the shipment is complete and undamaged. Report any damage to your local Emerson representative and the carrier.
2. Review all safety and warning instructions before installing. Failure to do so could result in serious personal injury.
3. Insert two spring nuts in the T-slot on the back of the MPX PRC, one near each end of the MPX PRC.
4. Insert Liebert MPX mounting screws in each spring nut and tighten a few turns (leave room for the screw's head to slip into either the Z-shaped or L-shaped mounting bracket).
5. Attach the brackets to the Knurr Miracel frame: Insert spring nuts in the T-slot in the frame members where the Liebert MPX will be mounted. Each bracket requires two spring nuts and two factory-supplied screws.
6. Hang the Liebert MPX in the rack by inserting the Liebert MPX mounting screws into the slots on the brackets (see photos below).
7. Tighten the Liebert MPX mounting screws securely.



Warnings

Before beginning to assemble and install a Liebert MPX, read and fully understand all warnings and cautions in the Liebert MPX user manual, SL-20820, which shipped with the unit. If a paper copy is not available, download the manual at www.liebert.com

Emerson Network Power strongly recommends that the MPX PEM be installed by an individual who has been properly trained and qualified to perform electrical work.

Only one MPX PEM (Power Entry Module) should be connected to an MPX PRC (Power Rail Chassis). Failure to comply could result in serious injury or equipment damage.



**Z-shaped Bracket
on Horizontal Frame Member**

**L-shaped
Bracket
on Horizontal
Frame Member**



**L-Shaped Bracket on
Upright Frame Member**

Attach the MPX PEM



Review all warnings in the user manual, SL-20820, and on the first page of this document before continuing.

After the MPX PRC has been installed in the rack, one MPX PEM (Power Entry Module) can be attached.

To attach an MPX PEM:

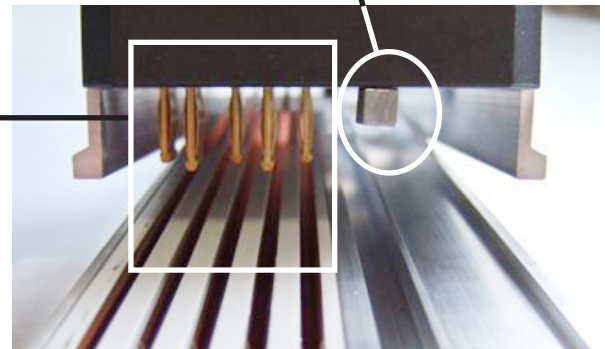
1. Orient the MPX PEM so that the power conducting tabs fit into the power bus on the MPX PRC and the communication contacts will fit into the MPX PRC's communication bus (see below right).
2. Make sure that the integral connectors at each end of the MPX PEM are oriented so they will fit into the slot on the MPX PRC (Power Rail Chassis).
3. Press the MPX PEM firmly onto the MPX PRC.
4. Secure each MPX PEM (Power Entry Module) to the MPX PRC with the Integral Connectors on each end.
5. Use the tamper-resistant Torx screwdriver bit included with the module to press each connector down (the MPX PEM has one Integral Connector on each end).
6. Turn each screw until it locks and tightens, about three-quarters of a turn. Overtightening the screw on either end may damage the integral connector.
7. Check to verify that the MPX PEM has been properly installed.
8. **Variable Capacity models only:** Connect the MPX IPC that shipped with the MPX PEM to the unit. Connectors permit only the correct orientation.
9. Tug firmly on the MPX IPC to verify that it is locked in the MPX PEM connectors.
10. Complete module installations before applying power.

Press Integral Connector screw to push lock into slot



Integral Connector Lock

Power Conductors enter power bus



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SL-20821_REV01_11-09

