

MCB Circuit Breaker Distribution Panel

Installation Instructions



WARNING

Before installation, verify that the input power disconnect device is turned “OFF”

Rack Mounting

Secure the panel to the rack using the #12-24 self tapping screws provided. If installed in a closed or multi-rack assembly the operating ambient temperature of the rack environment may be greater than room ambient. Therefore, consideration should be given to installing the equipment in an environment compatible with the unit’s maximum operating temperature. Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.

General Notes on Terminal Connections

- Bare conductors should be coated with the appropriate antioxidant compound before crimp connections are made.
- Use appropriate shrink tubing over un-insulated terminal barrels.
- Ensure that the mating surface of both terminals and their connection point are clean and free of paint.
- Appropriate antioxidant compound should be applied to the mating surfaces of all connections.
- Use only UL approved terminals and crimp tooling when making connections.

Chassis Grounding (6/8 position bus)

This product is suitable for use in either a common or isolated (CBN or IBN) Bonding Network. Crimp the ground wire to a suitable terminal. Attach the wires to the panel using the supplied locking nuts. Torque fasteners to 24 in-lbs. Attach other end of ground pigtail to the rack or other suitable grounding location. Reliable Earthing or rack-mounted equipment should be maintained.

Input Wiring (6/8 position bus)

This panel requires 90 deg. Compression lugs crimped to your battery and return wires for the A bus. Remove orange input covers by simply pulling them away from the panel. Locate the #1/4-20 locking nuts supplied with this panel. Crimp the battery and return wires to the proper compression lug. Attach the wires to the panel using the supplied locking nuts. Torque fasteners to 24 in-lbs.