

MPD-EB31-TB.250AB-YE0-4.T43.U5-M1

Power Distribution Panel - 480/277V AC Wye, 3-phase - (8) Breakers - NEMA 3R

Product ID: 284119

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

This unit is Made In USA - Manufactured in Texas

MPD-EB31-TB.250AB-YE0-4.T43.U5-M1 - Electrical Panel

Line-in Cord: Not Included - Requires Minimum Use Wiring 250A Rated Cu @ [600V]
(**Customer Provided**)

Line-in Cord Cap: Not Included - Requires Minimum Use Device 250A @ [480V]
(**Customer Provided**)

Primary Voltage (V): 480/277V AC Wye

Primary Phase (PH): 3-Phase (3PH)

Primary Frequency (HZ): 60 Hz (60-cycles)

Primary Panel: 480Y/277V 3PH 250A MCCB Hinged 18Ckt. N3R

Primary Breakers: (4) 125A 3P MCCB [480V]; (4) 50A 1P ELCB [277V]

Primary Spare Circuits: -

Primary Protection: MCCB Circuit Breakers; ELCB Circuit Breakers

Transformer (KVA): N/A

Secondary Voltage (V): N/A

Secondary Phase (PH): N/A

Secondary Frequency (HZ): N/A

Secondary Panel: N/A

Secondary Breakers: N/A

Secondary Outlets: N/A

Secondary Protection: N/A

Form Factor: Blue Powder Coated NEMA 3R Side Hinged Electrical Panel

Materials: -

Dimensions: -

Weight: -

Larson Electronics manufactures a wide variety of custom power distribution systems. The

Ratings

Max Primary OCP: 250A @ 480V

Max Secondary Output: -

Made in the USA

NRTL Certified to UL 1640

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

*All grounding shall comply with state and local codes and

pictures displayed for this unit are a general representation of form factor and may not accurately represent this exact configuration in every detail due to being custom builds. The specifics for this configuration are listed in the specification table and one-line diagram. meet the minimum requirements of the National Electronic Code section 250*

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The Larson Electronics MPD-EB31-TB.250AB-YE0-4.T43.U5-M1 Power Distribution Panel facilitates electrical and power connections in industrial sites. This unit provides operators the ability to safely tap into and distribute 480/277V AC Wye power from a variety of sources including generators and direct grid power.

The MPD-EB31-TB.250AB-YE0-4.T43.U5-M1 power distribution unit gives operators the ability to power their 480 volt equipment from a single system. On the primary side, operators connect three-phase 480 volt line-in power using a customer-provided cord.

Operation: A customer-provided cord brings three-phase 480/277V power to the NEMA 3R 250-amp three-phase 480/277V main breaker panel. The 18-circuit panel contains four 125-amp 3-pole 480V molded case circuit breakers and four 50-amp 1-pole 277V earth-leakage circuit breakers.

Operation:

- Primary Voltage: 3-Phase 480/277V AC Wye
- Primary Panel: 480Y/277V 3PH 250A MCCB Hinged 18Ckt. N3R
- Primary Breaker(s): (4) 125A 3P MCCB [480V]; (4) 50A 1P ELCB [277V]
- Primary Outlet(s): N/A

*See specification table at the top of the page for more information about the power distribution system.

Protective Construction: The power distribution system is protected by steel construction. Equipped with hinged locking doors, the panelboard carries a NEMA 3R rating for use in indoor or outdoor locations and protection from water, debris, corrosion, and external ice formation. This unit is compatible with surface mounting installations.

This temporary power distribution solution can be modified to meet the needs of job-site receptacle requirements. Larger units are available upon request and can be equipped with skids or trailer mount.

Certification: All units are built in accordance to NFPA 70 (National Electric Code) and NRTL certified to UL 1640. NEMA 4 and NEMA 4X equipment can be equipped upon request.

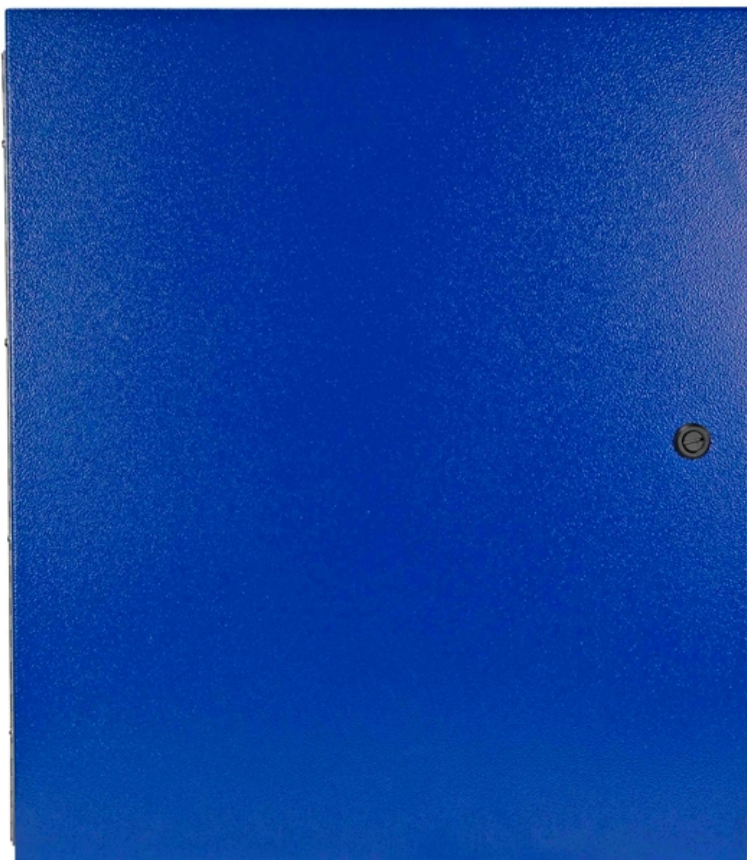
Grounding: Transformer is grounded to the frame and we provide a grounding lug on the frame for the earth ground.

~Please check all motor loads for dual rated motors that will work 208 or 240.~

Applications: This power distribution system is ideal for indoor or outdoor use and applications including but not limited to, construction sites, plant maintenance, plant turnarounds, shows, exhibits, and shipyard operations. These power distribution systems are popularly used in applications where external power sources are often necessary. We also offer class rated transformers for use within explosion proof and hazardous location environments.

Custom Built Systems Available: Larson Electronics is a manufacturer and we can build portable power distribution systems to your specifications. Although we carry several models of portable power distribution systems in stock, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.

Frequently Asked Questions (FAQ)





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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [Single Line Diagram \(One-Line Diagram\)](#)
- [Wiring Diagram \(Online\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)