Larson Electronics LLC
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MPD-MDS-MLO-480V-3P-2000A-SS-N4X-M1

2000A Switchboard w/ Main Lug Only Incoming - 480V 3PH, 3W w/ GND, 60 Hz - LSIG Service Entrance Rated - NEMA 4X 316 Stainless Steel - 65kAIC - w/ SPD

Product ID: 336351

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



Image: MPD-MDS-MLO-480V-3P-2000A-SS-N4X-M1

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.

MPD-MDS-MLO-480V-3P-2000A-SS-N4X-M1 Industrial Switchboard

Unit Type: Switchboard with Main Lug Only Incoming
Bus Max Amp Rating: 2000 Amps
Fuses: N/A
Receptacles: Included, GFCI
Bus Voltage Rating: 480V AC, 3PH, 60Hz
Wiring Configuration: 3-Wire with Ground
Bus Max Available Fault Current (RMS): 65 kAIC
Incomer: Included
Incomer Current Transformer: Included, (3) 2000:5 Ratio
Outgoing(s): (5) 250A Feeders via 3-600 kcmil Conductors with 1-350 kcmil Ground in 5" Conduit
Surge Protective Device: Included
Energy Meter: Included
Trip Unit: Electronic LSIG Protection
Protection: LSIG Electronic Protection, Overcurrent & Ground Fault Protection
Aux Contacts: Optional
Ground Bus: Continuous Copper Ground Bus Solidly Bonded to Structure
Temperature Rise: 65^{O}C

Ratings/Features

NEMA 4X 316 Stainless Steel Enclosure
Corrosion Resistant Construction
Washdown Duty Rated
Certified to UL Dead front Switchboard Standards
Service Entrance Rated
UL 891 Listed
UL 1449 Listed SPD

Thermostat: Optional
Space Heaters: Optional, Thermostatically Controlled
Terminal Blocks: Included
Contact Wear Indication: Visual
Ground Lug: Provided
Bus Material: Silver Plated Copper
Accessibility: Front Access
Cable Entry: op and/or Bottom Entry
Connection Type: Cable
Deadfronts: Removable for Access to Components, Bus and Wire Connections
Enclosure Material: 316 Stainless Steel
Enclosure Type/Rating: NEMA 4X
Enclosure Coating: Brushed Stainless Finish
Enclosure Paint Color: Natural Stainless Finish
Mounting Type: Floor Mounted
Dimensions: TBD
Weight: TBD
Larson Electronics manufactures a wide variety of custom power distribution systems. The 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.

Special Orders - Special Requirements
Contact us for special requirements
Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

The MPD-MDS-MLO-480V-3P-2000A-SS-N4X-M1 from Larson Electronics is a Switchboard with Main Lug Only Incoming for power distribution systems. This 2000-amp rated power distribution unit is compatible with three-phase 480V AC, 60Hz power systems. Equipped with integrated surge protection and electronic LSIG protection, the system is encased in a NEMA 4X 316 stainless steel enclosure for use in corrosive and washdown environments.

The MPD-MDS-MLO-480V-3P-2000A-SS-N4X-M1 AC is designed for power distribution in industrial facilities, wastewater treatment plants, marine environments and harsh outdoor locations. This 3-wire with ground unit operates with three-phase 480V AC, 60Hz. With a 2000-amp system ampacity, the switchboard with main lug only incoming has a 65 kAIC RMS short circuit rating and includes integrated current transformers with a 2000:5 ratio for metering applications. Protective features include long time, short time, instantaneous and ground fault protection with electronic LSIG trip functionality. This system also contains an integrated UL 1449 listed surge protective device for transient voltage suppression. The NEMA 4X enclosure is constructed from 316 stainless steel for superior corrosion resistance.

Wiring: The MPD-MDS-MLO-480V-3P-2000A-SS-N4X-M1 accepts cable connections for incoming and outgoing feeder configurations. This unit contains five 250-amp feeder outputs utilizing 3-600 kcmil conductors with 1-350 kcmil grounding conductors.

Mount: The MPD-MDS-MLO-480V-3P-2000A-SS-N4X-M1 can be securely mounted to any flat surface. This floor-mounted system is accessible through the front with top and/or bottom cable entry options.

Applications: Industrial manufacturing facilities, wastewater treatment plants, marine installations, chemical processing operations, food processing facilities and any other power distribution systems requiring service entrance rated protection in corrosive or outdoor environments.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty,

quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

There are no Faqs

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