Larson Electronics LLC
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MPD-DS-FS-NFMTS-3P-4W-480V-2000A-EF-BM-N3R

2000 Amp Manual Non Fused Transfer Switch, 480V 3-Phase, 3P4W - (2) Sources, (1) Load, Floor Mount/N3R, Service Entrance Rated

Product ID: 343819

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



Image: MPD-DS-FS-NFMTS-3P-4W-480V-2000A-EF-BM-N3R

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-DS-FS-NFMTS-3P-4W-480V-2000A-EF-BM-N3R Non-Fused Disconnect Switch

Unit Type: Service Entrance Rated Manual Non Fused Transfer Switch
Line-In: N/A (customer provided)
Line-In Cord Cap: N/A (customer provided)
Line-In Connections: Terminal Lugs, Accepts 750MCM-1/0
Line-In Orientation: Bottom Feed
Voltage (V): 480V AC Delta or Wye
Phase (PH): 3-Phase
Frequency (Hz): 60 Hz (60-Cycles)
Configuration: 3-pole, 4-wire
Protection Method: Non-Fused
Protection Type: -
Protection Ampacity: 2000A
Mains Rating (Amps): 2000A
Interrupting Rating: 200 kA @ 480V AC
Disconnect Means: Manual via Handle
Neutral Connection: Insulated Groundable Neutral Kit with Bonding Strap
Line-Out: N/A (customer provided)
Line-Out Cord Cap: N/A (customer provided)
Line-Out Connection: Terminal Lugs, Accepts 750MCM-1/0
Line-Out Orientation: Bottom Feed

Ratings

NRTL Listed Service Equipment
NRTL Listed to UL 891 Dead Front Switch Boards
NEMA 3R Rated for Indoor or Outdoor Use
Service Entrance Rated
Made in the USA

Form Factor: Rectangular, Slim-profile Enclosure w/ Lockable Door
Door: (1) Left Hinged Door w/ Pad Lockable Handle
Enclosure Material: 11GA Sheet Steel
Enclosure Finish: ANSI 49 Grey
Enclosure Type: NEMA 3R Ventilated
Dimensions: 43"-W x 36"-D x 90"-H
Weight: 800 lb
Shipping Dimensions: 58"-W x 44"-L x 98"-H
Shipping Weight: 850 lb
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
Toll Free: 1-800-369-6671
Intl: 1-214-616-6180
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

Made in the USA

The MPD-DS-FS-NFMTS-3P-4W-480V-2000A-EF-BM-N3R from Larson Electronics is a Manual Non-Fused Transfer Switch designed to enable manual transfer between two power sources while feeding a single load at industrial work sites. Designed for wall-mounting installations, the manual transfer switch is housed in a NEMA 3R rated, 11GA steel enclosure with a ventilated design. The unit is 3-phase, 4-wire and service entrance rated.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS*

The MPD-DS-FS-NFMTS-3P-4W-480V-2000A-EF-BM-N3R non-fused manual transfer switch provides a safe and reliable way for operators in industrial settings to utilize two power sources to feed a single load. Compatible with three-phase 480V AC power, the switch features a manual operating handle for source changeover. This 3-pole, 4-wire non-fused unit carries a 200 kA interrupt rating at 480V AC and is NRTL listed as service equipment.

Operation: The dead front non-fused disconnect switch features a locking door. The door provides access to a permanently attached operating handle, which is used for manually disconnecting or connecting power. A dead front cover protects operators from the fuses for safety. Operators can inspect the fuses through the dead front via a vented cover. Removing the dead front allows access to the fuses.

Enclosure Design: The non-fused disconnect switch is protected by an 11GA sheet steel enclosure with ANSI 49 grey finish. A ventilated design promotes natural cooling and improves performance. The enclosure is NEMA 3R rated for protection against the ingress of solid foreign objects like falling dirt and protection against the ingress of water such as rain, sleet, or snow. This rating allows the fused disconnect to be used in indoor or outdoor areas.

Certification: This non-fused disconnect switch is NRTL listed to UL 891 dead front switchboards and NRTL listed for service equipment.

Mount: Operators can mount the service entrance-rated transfer switch on walls and other suitable flat mounting surfaces.

Customization: The MPD-DS-FS-NFMTS-3P-4W-480V-2000A-EF-BM-N3R can be customized to meet specific operating and power requirements. Example of customizations

include:

• Making the non-fused disconnect portable and certified to NRTL UL 1640 for portable equipment

• Adding single pole camlock connectors for quick connections

• Adding heaters for cold environments

• Aiding alarm relays for trip notification down stream

• Adding powering meters

Applications: This switchgear is suitable for indoor/outdoor use and applications including, but not limited to, construction sites, plant maintenance, plant turnarounds, hazardous location operations, shows, exhibits, and shipyard operations.

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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Export Control Classification Number (ECCN): EAR99

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