

MPD-DS-FS-NFDS-3P-4W-4160V-400A-EF-BM-N1-M1

Non-Fused Medium Voltage Disconnect Switch, 400 Amp, 4160V 3PH AC, 3-Pole 4-Wire, NEMA 1

Product ID: 330332

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



Image: MPD-DS-FS-NFDS-3P-4W-4160V-400A-EF-BM-N1-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-DS-FS-NFDS-3P-4W-4160V-400A-EF-BM-N1-M1 Medium Voltage Disconnect Switch - Non-Fused Disconnect

Unit Type: Service Entrance Non-Fused Disconnect 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: 4160V AC Delta or Wye

Phase: 3-Phase

Frequency: 60 Hz (60-Cycles)

Basic Impulse Level (BIL): 60 kV

Voltage Class: 5 kV

Protection Method: N/A

Protection Type: N/A

Protection Fuses: N/A

Protection Ampacity: N/A

Mains Rating (Amps): 400A

Interrupting Rating: 25 kA

Disconnect Means: Manual via Handle

Neutral Connection: Included

Line-Out: N/A (customer provided)

Line-Out Cord Cap: N/A (customer provided)

Ratings

NRTL Listed Service Equipment

NRTL Listed to UL 891 Dead Front Switchboards

NEMA 1 Rated for Indoor Use

Made in the USA

Line-Out Connection: Terminal Lugs, Accepts 750MCM-1/0

Line-Out Orientation: Bottom Feed

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 1

Dimensions: (*Please note that dimensions are approximate and subject to change*) 36"-W x 36"-D x 90"-H

Weight: (*Please note that weight is approximate and subject to change*) 800 lbs

Shipping Dimensions: (*Please note that dimensions are approximate and subject to change*) 58"-W x 44"-L x 98"-H

Shipping Weight: (*Please note that weight is approximate and subject to change*) 850 lbs

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: 1-903-270-1187

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-NFDS-3P-4W-4160V-400A-EF-BM-N1-M1 from Larson Electronics is a Power Distribution Medium Voltage Disconnect Switch that is designed for reliable, safe, and convenient power distribution at industrial work sites. This disconnect is 400-amp 4160V rated. Designed for floor mounting installations, the bottom feed disconnect switch is protected by a NEMA 1 rated, steel enclosure with a ventilated design.

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

The MPD-DS-FS-NFDS-3P-4W-4160V-400A-EF-BM-N1-M1 service entrance disconnect switch provides a safe and reliable way for operators in industrial settings to tap into and utilize power sources independently of the work area. Compatible with three-phase 4160V AC Delta or Wye, the disconnect switch features a manual operating handle. The disconnect switch is 400-Amp 4160V rated.

Operation: The dead front 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 switch through the dead front via a vented cover. Removing the dead front allows access to the switch.

Current Limiting Fuse: A current-limiting fuse is a type of electrical fuse designed to limit the amount of current that can pass through it during a fault condition. It does this by rapidly melting and opening the circuit when the current exceeds a predetermined threshold. The key feature of a current-limiting fuse is its ability to quickly interrupt high levels of fault current, protecting downstream equipment and minimizing damage to the electrical system.

Enclosure Design: The 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 1 rated.

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

Mount: Operators can mount the service entrance disconnect on floors and flat surfaces.

Customization: The MPD-DS-FS-NFDS-3P-4W-4160V-400A-EF-BM-N1-M1 can be customized to meet specific operating and power requirements. Example of customizations include:

- Making the 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 downstream
- Adding power meters

Applications: This disconnect switch is suitable for indoor use.

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.



Frequently Asked Questions (FAQ)

There are no Faqs

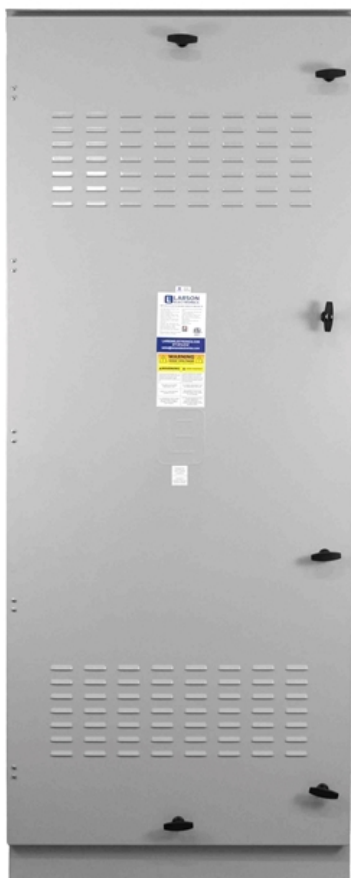


Image: MPD-DS-FS-NFDS-3P-4W-4160V-400A-EF-BM-N1-M1



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Image: MPD-DS-FS-NFDS-3P-4W-4160V-400A-EF-BM-N1-M1



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Export Control Classification Number (ECCN): EAR99



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