

MPD-DS-FS-NFDS-3P-4W-12KV-400A-EF-BM-N3R-M1

12 kV Medium Voltage Disconnect Switch, 400 Amp, 12,000V 3PH AC, 3-Pole, 8 kA Short-Circuit Current, Manual Operating Mechanism, NEMA 3R

Product ID: 343806



Image: MPD-DS-FS-NFDS-3P-4W-12KV-400A-EF-BM-N3R-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-12KV-400A-EF-BM-N3R-M1 Medium Voltage Disconnect Switch - Non-Fused Disconnect

Unit Type: Medium Voltage Disconnect Switch
Line-In: N/A (customer provided)
Line-In Cord Cap: N/A (customer provided)
Line-In Connections: Terminal Lugs
Line-In Orientation: Bottom Feed
Voltage: 12,000V AC
Phase: 3-Phase
Frequency (Hz): 60 Hz (60-Cycles)
Basic Impulse Level (BIL): 75 kV
Voltage Class: 12 kV
Protection Method: Disconnect Switch
Protection Type: Non-Fused
Protection Fuses: N/A
Protection Ampacity: 400A
Mains Rating (Amps): 400A
Interrupting Rating: 8 kA Short-Circuit Current
Disconnect Means: Manual via Operating Mechanism
Neutral Connection: N/A
Line-Out: N/A (customer provided)
Line-Out Cord Cap: N/A (customer provided)
Line-Out Connection: Terminal Lugs
Line-Out Orientation: Bottom Feed
Form Factor: Rectangular, Slim-profile Enclosure w/ Lockable Door
Door: (1) Left Hinged Door w/ Pad Lockable Handle

Ratings

NRTL Listed to UL 891 Dead Front Switch Boards
NEMA 3R Rated for Indoor and Outdoor Use

Made in the USA

Enclosure Material: 11GA Sheet Steel

Enclosure Finish: ANSI 49 Grey

Enclosure Type: NEMA 3R Ventilated

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-12KV-400A-EF-BM-N3R-M1 from Larson Electronics is a Power Distribution Medium Voltage Disconnect Switch designed for reliable, safe, and convenient power distribution at industrial work sites. This three-pole disconnect switch is rated for 400 amps and 12 kV, with an 8 kA short-circuit current rating. Designed for floor mounting installations, the bottom-feed disconnect switch is protected by a NEMA 3R 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-12KV-400A-EF-BM-N3R-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 12,000V AC Delta or Wye systems, the disconnect switch features a manual operating mechanism for connecting and disconnecting power. The switchgear is rated for 400 amps with an 8 kA short-circuit current rating.

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 fuses through the dead front via a vented cover. Removing the dead front allows access to the fuses.

Disconnect Switch: The three-pole medium voltage disconnect switch is designed to provide manual isolation and connection of three-phase electrical power. The switch is rated for 12 kV operating voltage and 400 amps, with an 8 kA short-circuit current rating.

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 3R rated for protection against water, moisture, and debris. This rating allows the fused disconnect to be used in indoor and outdoor areas.

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-12KV-400A-EF-BM-N3R-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 down stream
- Adding powering meters

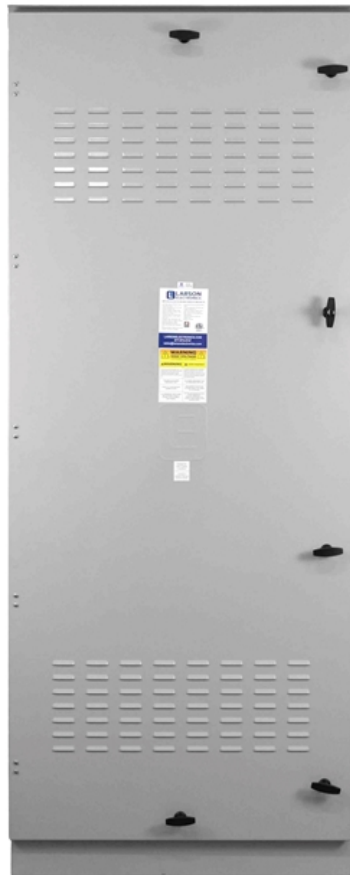
Applications: This switchgear is suitable for indoor/outdoor use and applications including, but not limited to, construction sites, plant maintenance, plant turnarounds, hazardous location operations, shows, exhibits, and shipyard operations.

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