Larson Electronics LLC
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MPD-DS-WML-NFDS-2P-2W-1000VDC-6000A-EF-BM-FG-N3R

Non-Fused Disconnect Switch, 6000 Amp, 1000V DC, 2-Pole 2-Wire, Floor Mount, Fiberglass Enclosure, NEMA 3R

Product ID: 327582

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



Image: MPD-DS-WML-NFDS-2P-2W-1000VDC-6000A-EF-BM-FG-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-WML-NFDS-2P-2W-1000VDC-6000A-EF-BM-FG-N3R 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 "Cable Connector" Accepts 3 of Cable 1000MCM
Line-In Orientation: Bottom Feed
Voltage: 1000 V DC
Phase: Positive & Negative +/-
Poles: 2-Pole
Frequency:
Protection Method:
Protection Type:
Protection Fuses:
Protection Ampacity:
Mains Rating (Amps): 6000A
Interrupting Rating: 220 kA @ 1000 V DC
Disconnect Means: Manual via Handle
Neutral Connection:
Auxiliary Contacts: Included, 2 NO and 2 NC

Ratings

NRTL Listed Service Equipment
NRTL Listed to UL 891 Dead Front Switchboards
NEMA 3R Rated for Indoor and Outdoor Use
UL Listed
Made in the USA

No-Load Operation: Compatible

Operating Type: Motorized or Pneumatically Actuated

Line-Out: N/A (customer provided)

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

Line-Out Connection: Terminal Lugs "Cable Connector" Accepts 3 of Cable 1000MCM

Line-Out Orientation: Bottom Feed

Form Factor: Rectangular, Slim-profile Enclosure w/ Lockable Door

Door: door shall open a full 180° with a catch to hold the door in the fully open position, The front view is shown with the door removed

Enclosure Material: thick fiberglass reinforced polyester (FRP) laminate, consisting of 40% glass fiber and 60% resin, except for the back which is a 50/50 ratio

Enclosure Finish: Exterior surfaces have a 20-mil thick forest green gel coat, The interior has a flat white finish

Enclosure Type: NEMA 3R Ventilated

Dimensions: 36"-W x 72"-H x 36"-D

Weight: 850 lbs

Shipping Dimensions: -

Shipping Weight: -

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 Larson Electronics MPD-DS-WML-NFDS-2P-2W-1000VDC-6000A-EF-BM-FG-N3R Power Distribution Disconnect Switch is designed for reliable, safe and convenient power distribution at industrial work sites. This non-fused disconnect is 6000-amp 1000V DC rated. Designed for floor mounting installations, the bottom feed disconnect switch is protected by a NEMA 3R rated, Fiberglass Enclosure.

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

The MPD-DS-WML-NFDS-2P-2W-1000VDC-6000A-EF-BM-FG-N3R 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 1000 V DC, the disconnect switch features a manual operating handle. This bottom feed disconnect carries a 220 kA at 1000 V DC interrupt rating. The switchgear comes with and accepts three 6000-amp 1000 V DC 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.

Enclosure Design: The disconnect switch is protected by thick fiberglass reinforced polyester (FRP) laminate, consisting of 40% glass fiber and 60% resin, except for the back, which is a 50/50 ratio, The resin system used meets the 94V-1 flammability rating, Exterior surfaces have a 20-mil thick forest green gel coat, The interior has a flat white finish. 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 Wall Mount.

Customization: The MPD-DS-WML-NFDS-2P-2W-1000VDC-6000A-EF-BM-FG-N3R 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 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

Links (Click on the below items to view):

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- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/327582.JPG)
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