

MPD-DS-PM-NFDS-3P-3W-44KV-600A-EF-BM-N3R

Non-Fused Disconnect Switch, 600 Amp, 44KV AC, 3-Pole 3-Wire, Pad mounted, NEMA 3R

Product ID: 317501

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



Image: MPD-DS-PM-NFDS-3P-3W-44KV-600A-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-PM-NFDS-3P-3W-44KV-600A-EF-BM-N3R Disconnect Switch - Non-Fused Disconnect

Unit Type: Service Entrance Non-Fused Disconnect Switch, Load Interrupting Type
Line-In: N/A (customer provided)
Line-In Cord Cap: N/A (customer provided)
Line-In Connections: NEMA 4-hole Spade w/ Terminal Lugs, Accepts 750MCM-1/0
Line-In Orientation: Bottom Feed
Nominal Voltage: 44KV AC, 3 Phase
Maximum Operating Voltage: 46.64KV AC, 3 Phase
Rated Voltage: 48.3KV AC, 3 Phase
BIL: 250 kV
Current: Alternate 3 Phase Current
No. of Poles: (3)
Wires: (3)
Protection Method: N/A
Protection Type:
Protection Fuses:
Protection Ampacity: N/A
Mains Rating (Amps): 600A
Interrupting Rating: 25 kA @ 1s
Rated Peak Withstand Current: 65 kA peak

Ratings

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

Phase Spacing: 1500 mm
Disconnect Means: Manual via Handle
Disconnect Switch Blade Type: Vertical Break
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
Grounding Terminal Type: NEMA 2-holes (1 per phase)
Form Factor: Rectangular, Slim-profile Enclosure w/ Lockable Door, Outdoor Type
Door: (1) Left Hinged Door w/ Pad Lockable Handle
Mounting: Pad Mounted
Enclosure Material: 11GA Sheet Steel
Enclosure Finish: Munsell™ 7GY 3.29/1.5 Bell Green
Enclosure Type: NEMA 3R Ventilated
Dimensions: 36"-W x 72"-H x 24"-D
Weight: 800 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-PM-NFDS-3P-3W-44KV-600A-EF-BM-N3R Power Distribution Disconnect Switch is designed for reliable, safe and convenient power distribution at industrial work sites. This non-fused disconnect Designed for pad 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-PM-NFDS-3P-3W-44KV-600A-EF-BM-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 44KV AC, the disconnect switch features a manual operating handle. This bottom feed disconnect carries a 25 kA at 44KV AC interrupt rating. The switch comes with a 600-amp 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 disconnect for safety. Operators can inspect the disconnect through the dead front via a vented cover. Removing the dead front allows access to the disconnect.

Enclosure Design: The disconnect switch is protected by an 11GA sheet steel enclosure with ANSI 70 green 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 the pads.

Customization: The MPD-DS-PM-NFDS-3P-3W-44KV-600A-EF-BM-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 down stream
- Adding powering meters

Applications: This disconnect switch is suitable for indoor/outdoor use and applications including, but not limited to, solar equipment, 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.



Frequently Asked Questions (FAQ)

There are no Fags



Image: MPD-DS-PM-NFDS-3P-3W-44KV-600A-EF-BM-N3R



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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/HigResPic2/317501.JPG>)
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