Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

MPD-DS-FS-NFDS-3P-4W-208.120V-1600A-EF-BM-N3R-M1

1600 Amp Non-Fused Disconnect Switch, Single Throw, 208Y/120V 3-Phase, 3P4W - Service Entrance Rated, Floor Mount/N3R

Product ID: 319102

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



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-208.120V-1600A-EF-BM-N3R-M1 Non-Fused Disconnect Switch

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, Accept up to 4×600 MCM per phase and neutral
Line-In Orientation: Bottom Feed
Voltage (V): 208/120V AC Delta or Wye
Phase (PH): 3-Phase
Frequency (Hz): 60 Hz (60-Cycles)
Configuration: 3-pole, 4-wire (with neutral)
Protection Method: Non-Fused
Protection Type: -
Protection Ampacity: 1600A
Mains Rating (Amps): 1600A
Interrupting Rating: 200 kA @ 208V AC
Disconnect Type: Manual, Single Throw
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, Accept up to 4×600 MCM per phase and neutral
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

Ratings

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

Special Orders - Special Requirements

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Enclosure Type: NEMA 3R Ventilated
Dimensions: 36"-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.

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-498-3364
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-208.120V-1600A-EF-BM-N3R-M1 from Larson Electronics is a Power Distribution Non-Fused Disconnect Switch that is designed for reliable, safe, and convenient power distribution at industrial work sites. Designed for floor mounting installations, the bottom feed non-fused disconnect switch is protected by a NEMA 3R rated, steel enclosure with a ventilated design.

The MPD-DS-FS-NFDS-3P-4W-208.120V-1600A-EF-BM-N3R-M1 is service entrance rated, providing a code-compliant means for disconnecting power at the service point. Designed for use with three-phase 208Y/120V AC (Wye) systems, this 3-pole, 4-wire switch includes an insulated and groundable neutral kit with a bond strap. The unit features a manual single-throw operating handle and is capable of interrupting up to 200 kA at 208V AC. Lugs for the phase and neutral conductors support up to (4) 600 MCM cables per terminal.
Operation: The disconnect switch includes a lockable front door and a dead front shield to enhance safety by isolating live components during operation. A permanently attached manual operating handle on the door enables safe connection or disconnection of power. A vented cover allows visual inspection without removing the shield.
Enclosure Design: Constructed from 11-gauge sheet steel with an ANSI 49 grey finish, the ventilated enclosure supports natural cooling in demanding environments. Its NEMA 3R rating ensures protection against rain, sleet, and external debris, making it suitable for both indoor and outdoor use.
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 disconnect on floors and flat surfaces.
Customization: The MPD-DS-FS-NFDS-3P-4W-208.120V-1600A-EF-BM-N3R-M1 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 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)

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