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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Product ID: 327759

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



Image:

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-1P-2W-600V-1200A-DF-BM-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 Termination: Terminal Lugs (Side Entry, Customer-Provided Line-In), Accepts up to 4×500 kcmil Conductors per Phase
Voltage (V): 600V AC
Phase (PH): 1-Phase
Frequency (Hz): 60 Hz (60-Cycles)
Protection Method: N/A (customer provided)
Protection Type: N/A (customer provided)
Conductor Capacity: Supports Max 4×500 kcmil per Phase
Mains Rating (Amps): 1200A
Interrupting Rating: 100 kA @ 600V AC
Horsepower (Standard): 200 HP at 240V, 500 HP at 480V, 500 HP at 600V
Max Motor Full Load Amps Rating: 480 FLA at 240V, 590 FLA at 480V, 472 FLA at 600V
Disconnect Means: Manual via Operating Handle (Rotary Option Available – UL Listed for Service Entrance)
Neutral Connection: -
Line-Out: N/A (customer provided)
Line-Out Cord Cap: N/A (customer provided)
Line-Out Termination: Terminal Lugs (Side Entry, Accepts 750 MCM to 1/0 Conductors)
Form Factor: Rectangular, Slim-Profile Enclosure

Ratings

NRTL Listed Service Equipment
NRTL Listed to UL 98 Dead Front Switch Boards
NEMA 3R Rated for Indoor and Outdoor Use

Made in the USA

Door: (1) Left-Hinged Lockable Door with Padlockable Handle

Viewing Window: Tempered Glass Viewing Window on Door

Enclosure Material: 11GA Sheet Steel

Enclosure Finish: ANSI 49 Grey

Enclosure Type: NEMA 3R Ventilated

Mount: Free-Standing (Floor Mount)

Dimensions: 26.42"-L x 15.105"-W x 58.965"-H

Weight: -

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-FS-NFDS-1P-2W-600V-1200A-DF-BM-N3R Power Distribution Non-Fused Service Entrance Disconnect Switch is built for rugged and reliable power control in industrial and commercial environments. Designed as a free-standing unit, this disconnect is housed in a robust NEMA 3R rated enclosure featuring a ventilated design and a tempered glass viewing window for quick internal inspection and accommodates side entry line terminals. Rotary-type switches are available and acceptable for use as service entrance equipment when UL listed.

The MPD-DS-FS-NFDS-1P-2W-600V-1200A-DF-BM-N3R disconnect switch is compatible with single-phase 600V AC systems and supports up to four 500 kcmil conductors per phase. This 1-pole, 2-wire unit features a high interrupt rating of 100 kA at 600V AC.

Operation: The dead front construction includes a padlockable door and integrated operating handle or rotary switch (if specified and listed for service entrance use) for secure manual disconnection.

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 with a tempered glass viewing window for quick internal inspection and for protection against water, moisture and debris. This rating allows the non fused disconnect to be used in indoor and outdoor areas.

Certification: NRTL listed to UL 98 standards and approved for use as service entrance equipment.

Mount: This unit is free-standing for floor-mount installations, allowing flexible placement on-site.

Customization: The MPD-DS-FS-NFDS-1P-2W-600V-1200A-DF-BM-N3R 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 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.

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Frequently Asked Questions (FAQ)

There are no Faqs

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Image:

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

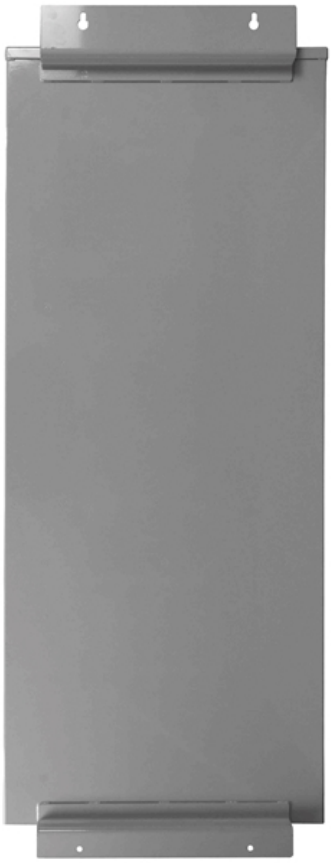


Image:

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Image:

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Image:

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Product ID: 327759

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1** (https://www.larsonelectronics.com//images/product/HigResPic1/327759.JPG)
- **HigResPic2** (https://www.larsonelectronics.com//images/product/HigResPic2/327759.JPG)
- **HigResPic3** (https://www.larsonelectronics.com//images/product/HigResPic3/327759.JPG)
- **HigResPic4** (https://www.larsonelectronics.com//images/product/HigResPic4/327759.JPG)
- **HigResPic5** (https://www.larsonelectronics.com//images/product/HigResPic5/327759.JPG)
- **Video1** (https://www.youtube.com/watch?v=h09GF5O4MYU)
- **Video2** (https://www.youtube.com/watch?v=aOJY5E9e33I)
- **ISO 9001 Certification** (http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate** (https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map** (https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)