

MPD-DS-WML-FDS-3P-3W-600V-60A-DF-BM-N12-TD-M1

Fused Disconnect Switch, 60 Amp, 600V 3PH AC, 3-Pole 3-Wire, (3) Class J Time Delay Fuses, Wall Mount, NEMA 12

Product ID: 312194

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-WML-FDS-3P-3W-600V-60A-DF-BM-N12-TD-M1 Disconnect Switch - Fused Disconnect

Unit Type: Service Entrance Fused Disconnect Switch, Heavy Duty

Line-In: N/A (customer provided)

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

Line-In Connections: Terminal Lugs

Line-In Orientation: Sides, Top and Bottom Feed

Voltage: 600V AC Delta or Wye

Phase: 3-Phase

Wire: 3-Wire

Frequency (Hz): 60 Hz (60-Cycles)

Protection Method: Fused, Class J Type Fuse

Protection Type: Time Delay Fuse

Protection Fuses: (3) Fuses, Included

Protection Ampacity: 60A

Mains Rating (Amps): 60A

Interrupting Rating: 200 kA @ 600V AC

Horsepower (Standard): TBD

Horsepower (Max): 30 HP at 480V, 50 HP at 600V

Disconnect Means: Manual via Handle

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: Sides, Top and Bottom Feed

Ratings

NRTL Listed Service Equipment

NRTL Listed to UL 891 Dead Front Switch Boards

NEMA 12 Rated for Indoor Use

UL Listed

Made in the USA

Form Factor: Rectangular, Slim-profile Enclosure w/ Lockable Door
Door: (1) Left Hinged Door w/ Viewing Window & Pad Lockable Handle
Enclosure Material: Painted Galvanized Steel
Enclosure Finish: ANSI 49 Grey
Enclosure Type: NEMA 12
Mount: Wall Mount
Dimensions: 10.5"-W 7"-D x 16.5"-H
Weight: 19.8 lbs
Shipping Dimensions: TBD
Shipping Weight: TBD

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
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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-WML-FDS-3P-3W-600V-60A-DF-BM-N12-TD-M1 from Larson Electronics is a Power Distribution Disconnect Switch that is designed for reliable, safe, and convenient power distribution at industrial work sites. This fused disconnect includes three 60-amp 600V rated Class J fuses. Designed for wall mounting installations, the disconnect switch is protected by a NEMA 12 rated, steel enclosure.

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

The MPD-DS-WML-FDS-3P-3W-600V-60A-DF-BM-N12-TD-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 600V AC Delta or Wye, this 3-pole, 3-wire disconnect switch features a manual operating handle. This disconnect carries a 200 kA at 600V AC interrupt rating and has side, top and bottom conduit entries. The switchgear comes with and accepts three 60-amp 600V rated Class J time delay fuses.

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 a viewing window on the enclosure door without the need to open the enclosure.

Time Delay vs. Fast Acting Fuses Two of the most common types of fuses found in power distribution equipment are time delay and fast acting fuses.

- **Time Delay:**

- **Fast Acting:**

Enclosure Design: The enclosed circuit breaker disconnect is protected from the elements via a steel enclosure. Equipped with a gasketed hinged locking door, the breaker disconnect carries a NEMA 12 rating for use in indoor locations and protection from ingress of solid foreign objects and light ingress of water. The door on the enclosure is outfitted with a viewing window that allows operators to see if the fuses are blown without opening the enclosure. This enclosure provides protection against solid objects including falling dirt and circulating dust, lint, fibers, flyings, and liquids including dripping and light splashing. The NEMA 12 rated enclosure prevents solid objects and light water exposure from interfering with the successful operation of the apparatus or result in electrical hazards of live parts and wiring within the enclosure under specified conditions. This unit is compatible with wall mounting installations.

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 walls.

Customization: The MPD-DS-WML-FDS-3P-3W-600V-60A-DF-BM-N12-TD-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 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.

Frequently Asked Questions (FAQ)

Export Control Classification Number (ECCN): EAR99

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