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MPD-DS-WML-FDS-3P-3W-1000V-150A-DF-BM-N3R-TD

Fused Disconnect Switch, 150 Amp, 1000V 3PH AC, 3-Pole 3-Wire, (3) Class J Time Delay Fuses, Wall Mount, NEMA 3R

Product ID: 308927

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-1000V-150A-DF-BM-N3R-TD Disconnect Switch - Fused Disconnect

Unit Type: Service Entrance Fused Disconnect Switch
Line-In: N/A (Customer Provided)
Line-In Cord Cap: N/A (Customer Provided)
Line-In Connections: Terminal Lugs, Accepts #10-#14 AWG
Line-In Orientation: Bottom Feed
Voltage (V): 1000V AC Delta or Wye
Phase (PH): 3-Phase
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: N/A
Mains Rating (Amps): 150A
Interrupting Rating: 200,000 AIC RMS @ 600V AC
Horsepower (Standard): 7.5 HP at 240V, 15 HP at 480V, 20 HP at 600V
Max Motor Full Load Amps Rating: 22 FLA at 240V, 21 FLA at 480V, 22 FLA at 600V
Disconnect Means: Manual via Handle
Neutral Connection: -
Line-Out: N/A (customer provided)
Line-Out Cord Cap: N/A (customer provided)
Line-Out Connection: Terminal Lugs, Accepts #10-#14 AWG
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
Enclosure Type: NEMA 3R Ventilated

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

Special Orders - Special Requirements

Mount: Wall Mount
Dimensions: -
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.

Contact us for special requirements
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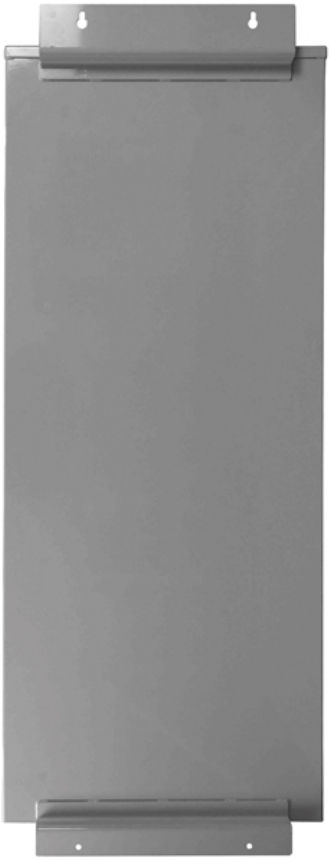
All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

Made in the USA
The MPD-DS-WML-FDS-3P-3W-1000V-150A-DF-BM-N3R-TD from Larson Electronics is a Power Distribution Fused Disconnect Switch that is designed for reliable, safe, and convenient power distribution at industrial work sites. Designed for wall mounting installations, the 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-WML-FDS-3P-3W-1000V-150A-DF-BM-N3R-TD 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 100V AC Delta or Wye, the disconnect switch features a manual operating handle. This 3-pole, 3-wire disconnect carries a 200,000 AIC RMS at 600V AC interrupt rating. Three 150-amp Class J fuses are included with the disconnect. The fuses are quick acting and current limiting.
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.
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 disconnect switch is protected by an 11GA sheet steel enclosure with ANSI 49 grey finish. A ventilated design promotes natural cooling and improves performance.
Protective Construction: The disconnect is protected from the elements via a steel weatherproof enclosure with drip shield. Equipped with a hinged locking door, the panelboard carries a NEMA 3R rating for use in indoor locations and protection from dust, light, and indirect splashing but is not dust-tight. This enclosure primarily prevents incidental contact with the enclosure equipment. This unit is compatible with wall mounting installations.
Mount: Operators can mount the service entrance disconnect on walls.
Certification: This disconnect switch is NRTL listed to UL 98 dead front switchboards and NRTL listed for service equipment.
Customization: The MPD-DS-WML-FDS-3P-3W-1000V-150A-DF-BM-N3R-TD 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.



WARNING
ALL DOORS MUST BE CLOSED AND FASTENED PRIOR TO LEAVING THE EQUIPMENT UNATTENDED
WARNING
FOR USE BY QUALIFIED PERSONNEL ONLY

Frequently Asked Questions (FAQ)