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

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Product ID: 341691

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-WM-FDS-3P-3W-5KV-200A-DF-BM-N3R-TD-KK Fused Disconnect Switch, Motor Isolation Application
Unit Type: Fused Disconnect Switch, Motor Isolation Disconnect Application, Kirk-Key Interlocked

Made in the USA

Line-In: N/A (customer provided), Terminal Lugs, Accepts 750MCM–1/0
Line-In Orientation: Sides, Top, and Bottom Feed
Voltage: 5000V AC, Delta or Wye
Phase: 3-Phase, 3-Wire
Frequency: 60 Hz
Protection Method: Fused, Class J Time Delay Fuses (3 Included)
Protection Ampacity: 200A
Mains Rating: 200A
Interrupting Rating: 200kA @ 5000V AC
Disconnect Means: Manual via Handle
Neutral Connection: Insulated Groundable Neutral Kit with Bonding Strap
Line-Out: N/A (customer provided), Terminal Lugs, Accepts 750MCM–1/0
Line-Out Orientation: Sides, Top, and Bottom Feed

Features of Every Assembly
Dead Front Construction
ANSI 49 Grey Enclosure Finish
Ventilated, NEMA 3R Rated Enclosure
Pad-Lockable Door Handle
Kirk-Key Lockout Provision, Isolated-Position Securement

Kirk-Key Interlock
Kirk-Key Lockout Provision, Mechanically Tied to Handle Operation, Securing the Disconnect in the Open/Isolated Position for Motor Servicing

Construction
Form Factor: Rectangular, Slim-Profile Enclosure with Lockable Door
Door: (1) Left-Hinged Door with Pad-Lockable Handle

Ratings & Approvals
NRTL Listed Service Equipment
NRTL Listed to UL 891 Dead Front Switchboards

Enclosure Material: 11GA Sheet Steel
Enclosure Finish: ANSI 49 Grey
Enclosure Type: NEMA 3R, Ventilated
Mount: Wall Mount

NEMA 3R Rated for Indoor and Outdoor Use
Service Rated

Dimensions & Shipping
Overall Dimensions: 18.48 in W × 11.92 in D × 41.64 in H (estimated)
Approximate Weight: 52 lbs (estimated)
Shipping Dimensions: TBD
Shipping Weight: TBD

Shipping
Shipped on pallet or skid
Crated shipment available upon request
Final shipping configuration subject to approved design

Special Features
Kirk-Key Lockout for Motor Isolation, Insulated Groundable Neutral Kit

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

Customer Compliance
Final arrangements, sizes, ratings, settings, configuration, and installation details will be finalized during detailed engineering review and customer approval prior to release for manufacture.

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 applicable drawings.

Made in the USA

The MPD-DS-WM-FDS-3P-3W-5KV-200A-DF-BM-N3R-TD-KK from Larson Electronics is a fused disconnect switch configured as a motor isolation disconnect, designed for reliable, safe, and convenient power distribution and motor isolation at industrial work sites. This fused disconnect includes three 200-amp, 5000V-rated Class J time delay fuses, service rated, and is fitted with a Kirk-key lockout provision for securing the disconnect in the isolated (open) position during motor servicing.

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

The **MPD-DS-WM-FDS-3P-3W-5KV-200A-DF-BM-N3R-TD-KK** provides a safe and reliable way for operators to isolate a motor from its power source before servicing. Compatible with three-phase 5000V AC delta or wye systems, the disconnect switch features a manual operating handle and accepts terminal lug connections (750MCM–1/0) at both line-in and line-out, with side, top, and bottom feed orientation. This disconnect carries a 200kA interrupting rating at 5000V AC and includes an insulated groundable neutral kit with bonding strap for neutral connections.

Kirk-Key Interlock
A Kirk-key lockout provision is mechanically tied to the operating handle, allowing the disconnect to be securely locked in the open (isolated) position. This provides a positive, key-controlled means of preventing re-energization of the motor circuit while personnel are performing service or maintenance work.

Operation
The dead front disconnect switch features a locking door that provides access to a permanently attached operating handle, used for manually connecting or disconnecting power. A dead front cover protects operators from the fuses, with a vented cover allowing visual inspection of fuse condition without removal.

Construction
The disconnect switch is protected by an 11-gauge sheet steel enclosure with ANSI 49 grey finish. A ventilated design promotes natural cooling, and the enclosure is NEMA 3R rated for protection against water, moisture, and debris, suitable for indoor and outdoor use. The enclosure features a rectangular, slim-profile form factor with a single left-hinged, pad-lockable door.

Certification
This disconnect switch is NRTL listed to UL 891 dead front switchboards and NRTL listed for service equipment.

Mount
The disconnect is designed for wall-mounted installation.

Customer Compliance: The final arrangements, sizes, ratings, settings, configuration, and installation details of this equipment will be established in accordance with detailed engineering review, applicable project documentation, and customer approval prior to manufacture.

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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)

There are no Faqs

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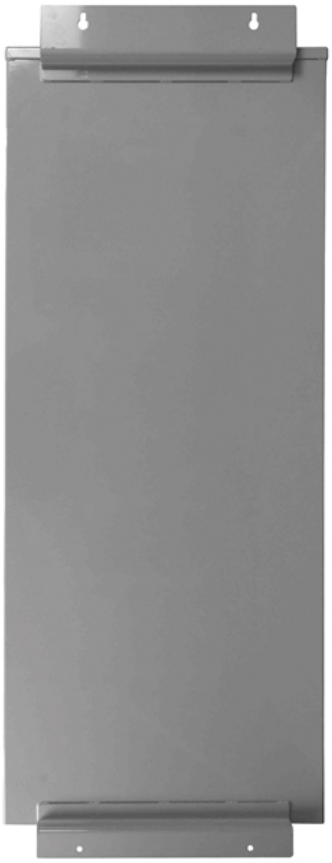

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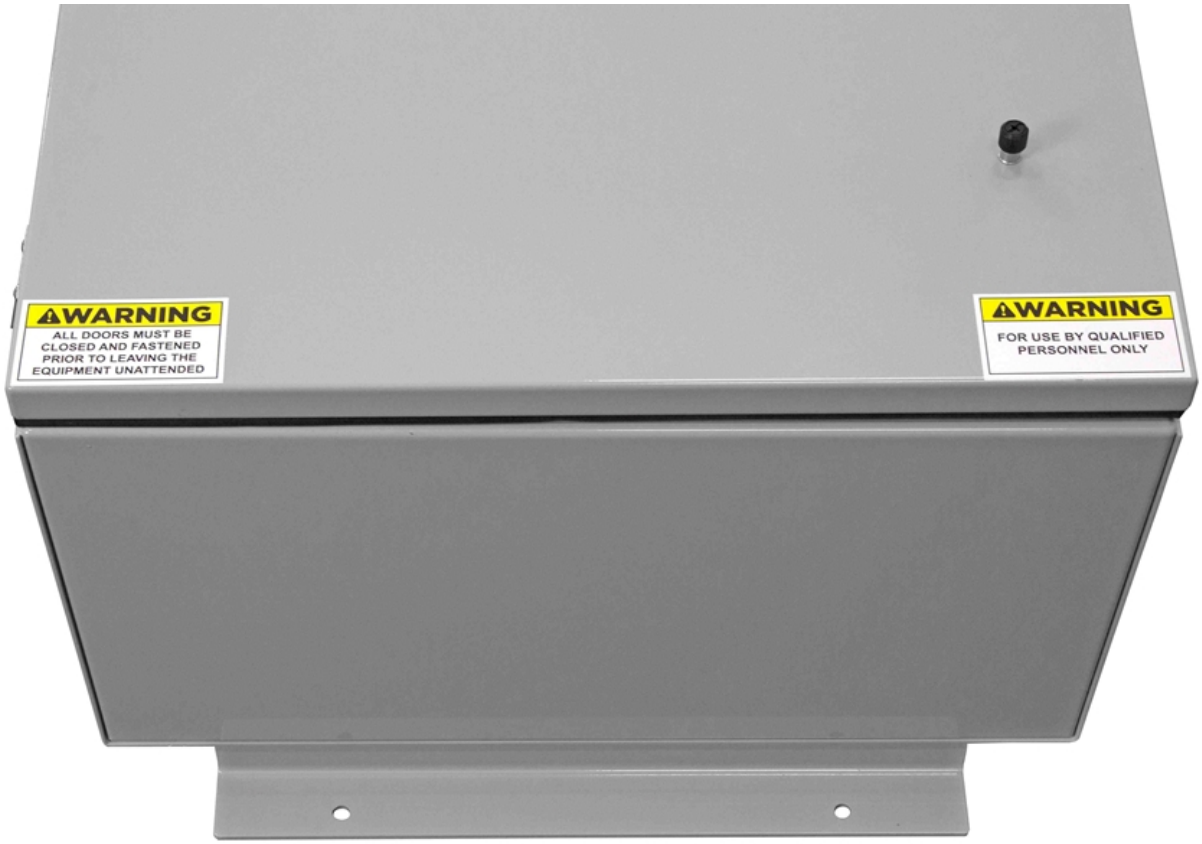

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- **Video1**(https://www.youtube.com/watch?v=aOJY5E9e33I)
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