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MPD-MES-FDS-3P3W-11-15KV-600A-BE-FM-MET-CU-N3R-M4

Metal Enclosed Switchgear, 600 Amp, 15 KV AC, 3-Pole 3-Wire, 1 IN 1 OUT, Floor Mount, Bottom Entry, Copper Bus, NEMA 3R, W/ 40E Fuse

Product ID: 319416

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-MES-FDS-3P3W-11-15KV-600A-BE-FM-MET-CU-N3R-M4 Metal Enclosed Switchgear - Fused Disconnect

Unit Type: Metal Enclosed Switchgear - Fused Disconnect Switch
Line-In Connections: Terminal Lugs, Accepts 750MCM-1/0
Line-In Orientation: Bottom Feed
Service Voltage: 12.47KV AC, 3 Phase
Maximum Voltage: 15KV AC, 3 Phase
BIL: 95 KV
Wire: 3-Wire
System Ground: Solid
Bus Material: Silver-Plated Copper
Ground Bus Material: Copper
Bus Bracing, Sym.: 40 kA rms
Bus Support Ins: Polyester Finned
Protection Method: Fused
Protection Type: Time Delay Fuse
Protection Fuses: Included (Current Limiting E-Class), w/ (1) Spare Set
Fuse Mounting: CLE 15 KV Ferrule fuse mounting
Protection Ampacity: 40E
Switch Rating: 600A, 15kV, 61 kA Mom.

Ratings

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

Switchgear Symmetrical Short-circuit Current Rating: 40 kA

Switchgear Asymmetrical Momentary Current Rating: 61 kA rms

NP Integ. Rating: 101 kA RMS Asym

Disconnect Means: Manual via Handle

Visual Blown Fuse Indicator: Included

Selector Switch: Included, 600A

Premium Drive Rod Links: Included

Steel Cable Support: Included

Space Heater: Included, w/ Circuit Breaker

Metering Current & Potential Transformer (CT/PT): Included Mount and Termination CT/PT

Line-Out Connection: Terminal Lugs, Accepts 750MCM-1/0

Line-Out Orientation: Bottom Feed

Panel Configuration: 1 x Incoming panel, 1 x Outgoing panel

Housing Type: Compartmental Air-Filled Cabinet, (1) Rear Door w/ (2) Pad Lockable Handles

Mounting: Pad Mount/ Floor Mount

Enclosure Material: #12GA Sheet Steel

Enclosure Internal Finish: ANSI-61 Light Gray

Enclosure External Finish: ANSI-61 Light Gray

Enclosure Type: NEMA 3R Ventilated, internal thermostatically controlled 250W, 120VAC heaters to prevent condensation in the enclosure, Automation control includes a 120VAC to 24VDC power supply capable of powering the entire control. A battery charger is provided and utilize 120VAC from the internal CPTs

Dimensions: 36"-W x 80"-L x 95.37"-H

Weight: 2000 lbs

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
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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 Larson Electronics MPD-MES-FDS-3P3W-11-15KV-600A-BE-FM-MET-CU-N3R-M4 Metal Enclosed Switchgear is designed for reliable, safe and convenient power distribution at industrial work sites. This switchgear includes one disconnect switch and 40E Current Limiting fuses. Designed for floor mounting installations. This bottom feed switchgear 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-MES-FDS-3P3W-11-15KV-600A-BE-FM-MET-CU-N3R-M4 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 15KV AC, the switchgear features a manual operating handle. This bottom feed disconnect carries a 40 kA at 15KV AC interrupt rating. The switchgear comes with and accepts three 40E time delay fuses.

Operation: The switchgear features front control panel and rear termination equipped with a locking door. The door provides access to a permanently attached operating handle, which is used for manually disconnecting or connecting power and bur bars (at rear). A dead front cover protects operators from the fuses for safety. Operators can inspect the fuses through the dead front via a vented cover. Removing the dead front allows access to the fuses.

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 grey finish. A ventilated design promotes natural cooling and improves performance. The enclosure is NEMA 3R rated for protection against water, moisture and debris. This rating allows the fused disconnect to be used in indoor and outdoor areas.

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 floors and flat surfaces.

Customization: The MPD-MES-FDS-3P3W-11-15KV-600A-BE-FM-MET-CU-N3R-M4 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/outdoor use and applications including, but not limited to, solar equipment, 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)


CAUTION
HIGH VOLTAGE


CAUTION





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