Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
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www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
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Product ID: 326304

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-PM-FMTS-3P-3W-15KV-600A-DF-TP-N3R-M1 Manual Fused Transfer Switch

Unit Type: Service Entrance Manual Fused Transfer Switch
Line-In: (3 Sets) 5' per Phase #4/0 1/C AWG Type W Cable
Line-In Cord Cap: (3 Sets) 400A Single-pole 16-Ser. Male Camlock Receptacles [Brown, Orange, Yellow, Green]
Line-In Connections: Terminal Lugs
Line-In Orientation: Top Feed
Voltage: 15 KV AC
Phase: 3-Phase
Frequency: 60 Hz (60-Cycles)
Poles: 3-pole
Operating Cycles: 3,050
Operating Torque (lbs.in/Nm): 442.5/50
Auxiliary Contacts: N/A, Ready to Accept Contacts (customer provided)
Fuse Type: E-rated
Protection Method: Short circuit, Overload
Protection Type: Current Limiting E-rated Fuses
Protection Ampacity: 600A
Rated Current: 600A
Interrupting Rating: 40 kA @ 15KV AC
Horsepower (Standard): N/A
Max Motor Full Load Amps Rating: N/A
Changeover Means: Manual via Handle

Ratings

NRTL Listed Service Equipment
NRTL Listed to UL 1008
NRTL Listed to UL 98
CSA-C22.2 No. 4 Class 4651-02
NEMA 3R Rated for Indoor and Outdoor Use
Made in the USA

Neutral Connection: -

Number of Incomer Feeders: (2)

Number of Outgoing(s): (1)

Line-Out: 3 Sets, 5' per Phase #4/0 1/C AWG Type W Cable

Line-Out Cord Cap: (3 Sets) 600A Single-pole 16-Ser. Female Camlock Receptacles [Brown, Orange, Yellow, Green]

Line-Out Connection: Terminal Lugs

Line-Out Orientation: Top Feed

Maximum Connection (AWG): (4) 600 MCM

Minimum Connection (AWG): (4) #2

Interlock: Kirk-Key

Operating Temperature: -4°F to +122°F (-20°C to +50°C)

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

Mount: Pad Mount

Dimensions:78.74"W x 66.93"D x 89.37"H

Weight: 817 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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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-PM-FMTS-3P-3W-15KV-600A-DF-TP-N3R-M1 Manual Fused Transfer Switch enables changing between two power sources while feeding a single load at industrial work sites. Designed for pad mount installations, the manual transfer 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-PM-FMTS-3P-3W-15KV-600A-DF-TP-N3R-M1 fused manual transfer switch provides a safe and reliable way for operators in industrial settings to utilize two power sources to feed a single load. Compatible with three-phase 15KV AC, the switch features a manual operating handle for changeover. This 3-pole fused unit carries a 40 kA at 15KV AC interrupt rating.

Operation: The fused switch features a locking door. The door provides access to a permanently attached operating handle, which is used for manual changeover.

Contacts: Auxiliary contacts can be added to the assembly, which can be used for remote monitoring and notification of power failure, indicating operators that they need to change over.

Enclosure Design: The manual 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 for protection against water, moisture and debris. This rating allows the fused unit to be used in indoor and outdoor areas.

Certification: This switch is NRTL listed to UL 98 and UL 1008, as well as NRTL listed for service equipment.

Mount: Unit is designed for floor/pad mount installation.

Customization: The MPD-DS-PM-FMTS-3P-3W-15KV-600A-DF-TP-N3R-M1 can be customized to meet specific operating and power requirements. Example of customizations include:

• Making the non-fused system 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 downstream

• Adding powering meters

Applications: This fused transfer switch 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.

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Frequently Asked Questions (FAQ)

There are no Faqs

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Export Control Classification Number (ECCN): EAR99

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