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

www.LarsonElectronics.com
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Product ID: 319295

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-WML-NFMTS-3P-4W-600V-150A-DF-BM-2XTL.CM-N4X-M2 Manual Non Fused Transfer Switch

Unit Type: Manual Non Fused Transfer Switch
Line-In: N/A (customer provided)
Line-In Cord Cap: N/A (customer provided)
Line-In Connections: (1) Terminal Lugs, (1) E-1016 Male Connection (GND: Green, Neutral: White, A Phase: Brown, B Phase: Orange, C Phase: Yellow)
Line-In Orientation: Bottom Feed
Voltage (V): 600V AC
Phase (PH): 3-Phase
Frequency (Hz): 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: N/A (customer provided)
Protection Method: N/A (customer provided)
Protection Type: N/A (customer provided)
Protection Ampacity: N/A
Rated Current (Amps): 150A
Interrupting Rating: 100 kA @ 600V AC
Horsepower (Standard): N/A
Transition Type: Open Transition
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
UL 1008 Approved
NEMA 3R Rated for Indoor and Outdoor Use
Made in the USA

Neutral Connection: Included, (3) #4-300 MCM

Ground Connection: Included

Indication Lights: Included, 3-Ph Indication Light (White Lights), Power Available (White Lights), Normal Available (Green Light), Emergency Available (Red Light)

Line-Out: N/A (customer provided)

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

Line-Out Connection: (1) Terminal Lugs

Line-Out Orientation: Bottom Feed

Maximum Connection (AWG): (4) 600 MCM

Minimum Connection (AWG): (4) #2

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

Form Factor: Rectangular, Slim-profile Enclosure w/ Lockable Door

Door: (2) Hinged Doors, w/ Pad Lockable Handles, w/ a Section for the Cam-Lock Quick Connections to be Accessible Without Exposing the Entire Cabinet.

Enclosure Material: 11GA Sheet Steel

Enclosure Finish: ANSI 49 Grey

Enclosure Type: NEMA 4X Ventilated

Mount: Wall Mount

Dimensions: 18.5'' W x 42''T x 12''D

Weight: 610 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

Intl: 1-903-270-1187

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-WML-NFMTS-3P-4W-600V-150A-DF-BM-2XTL.CM-N4X-M2 Manual Non Fused Transfer Switch enables changing between two power sources while feeding a single load at industrial work sites. Designed for wall mounting installations, the manual transfer switch is protected by a NEMA 4X 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-NFMTS-3P-4W-600V-150A-DF-BM-2XTL.CM-N4X-M2 non 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 600V AC, the switch features a manual operating handle for changeover. This 3-pole non fused unit carries a 100 kA at 600V AC interrupt rating. The primary side contains terminal lugs and camlock line-in connections for two sources. The secondary side has terminal lugs for line-out connections.

Operation: The non 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 4X rated for protection against water, moisture and debris. This rating allows the non fused unit to be used in outdoor areas.

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

Mount: Operators can mount the system on walls.

Customization: The MPD-DS-WML-NFMTS-3P-4W-600V-150A-DF-BM-2XTL.CM-N4X-M2 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 down stream

• Adding powering meters

Applications: This switchgear is suitable for 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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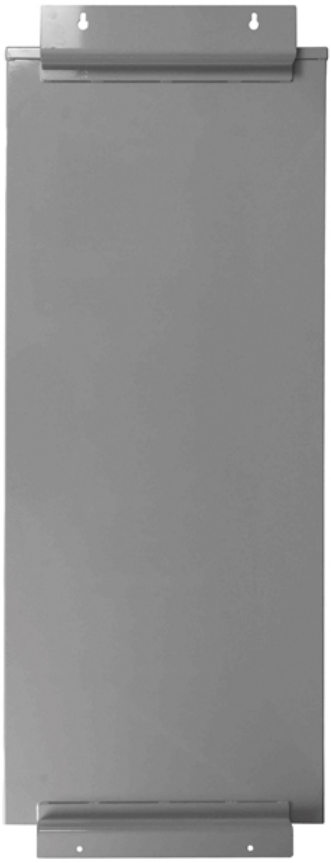


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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Wiring Diagram**(https://www.larsonelectronics.com//images/product/WiringDiagram/319295.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/319295.JPG)
- **HigResPic2**(https://www.larsonelectronics.com//images/product/HigResPic2/319295.JPG)
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