Larson Electronics LLC
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MPD-DS-WML-NFDS-4P-4W-600V-100A-DF-BM-N3R

100 Amp Non-Fused Manual AC Disconnect Safety Switch - 600V AC - 4-Pole - NEMA 3R

Product ID: 299987

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-DS-WML-NFDS-4P-4W-600V-100A-DF-BM-N3R Disconnect Switch - Non Fused Disconnect

Unit Type: Service Entrance Non Fused Disconnect Switch
Line-In: N/A (customer provided)
Line-In Cord Cap: N/A (customer provided)
Line-In Connections: Terminal Lugs
Line-In Orientation: Bottom Feed
Voltage (V): 600V AC Delta or Wye
Phase (PH): 3-Phase
Frequency (Hz): 60 Hz (60-Cycles)
Protection Method: N/A (customer provided)
Protection Type: N/A (customer provided)
Protection Ampacity: -
Mains Rating (Amps): 100A
Interrupting Rating: 100 kA @ 600V AC
Horsepower (Standard): 30 HP at 240V, 75 HP at 480V, 100 HP at 600V
Max Motor Full Load Amps Rating: 80 FLA at 240V, 96 FLA at 480V, 99 FLA at 600V
Disconnect Means: Manual via Handle
Neutral Connection: -
Line-Out: N/A (customer provided)
Line-Out Cord Cap: N/A (customer provided)

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

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

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
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.

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-498-3364
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-NFDS-4P-4W-600V-100A-DF-BM-N3R Power Distribution Non Fused Disconnect Switch 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-NFDS-4P-4W-600V-100A-DF-BM-N3R 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 600V AC Delta or Wye, the disconnect switch features a manual operating handle. This 4-pole, 4-wire disconnect carries a 100 kA at 600V AC interrupt rating.
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.
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. The enclosure is NEMA 3R rated for protection against water, moisture and debris. This rating allows the non fused disconnect to be used in indoor and outdoor areas.
Certification: This disconnect switch is NRTL listed to UL 98 dead front switchboards and NRTL listed for service equipment.
Mount: Operators can mount the service entrance disconnect on walls.
Customization: The MPD-DS-WML-NFDS-4P-4W-600V-100A-DF-BM-N3R can be customized to meet specific operating and power requirements. Example of customizations include:
• Making the non-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, 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)

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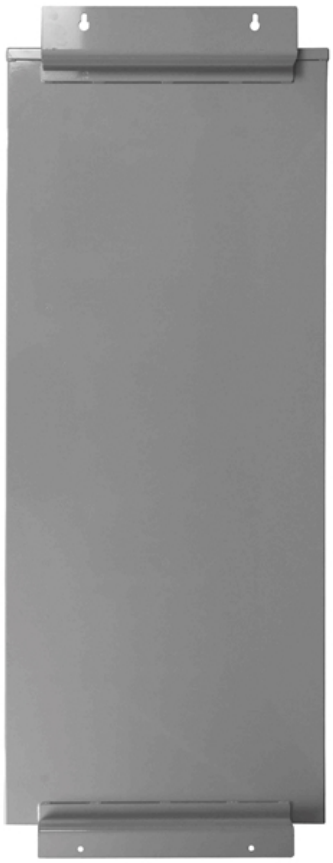

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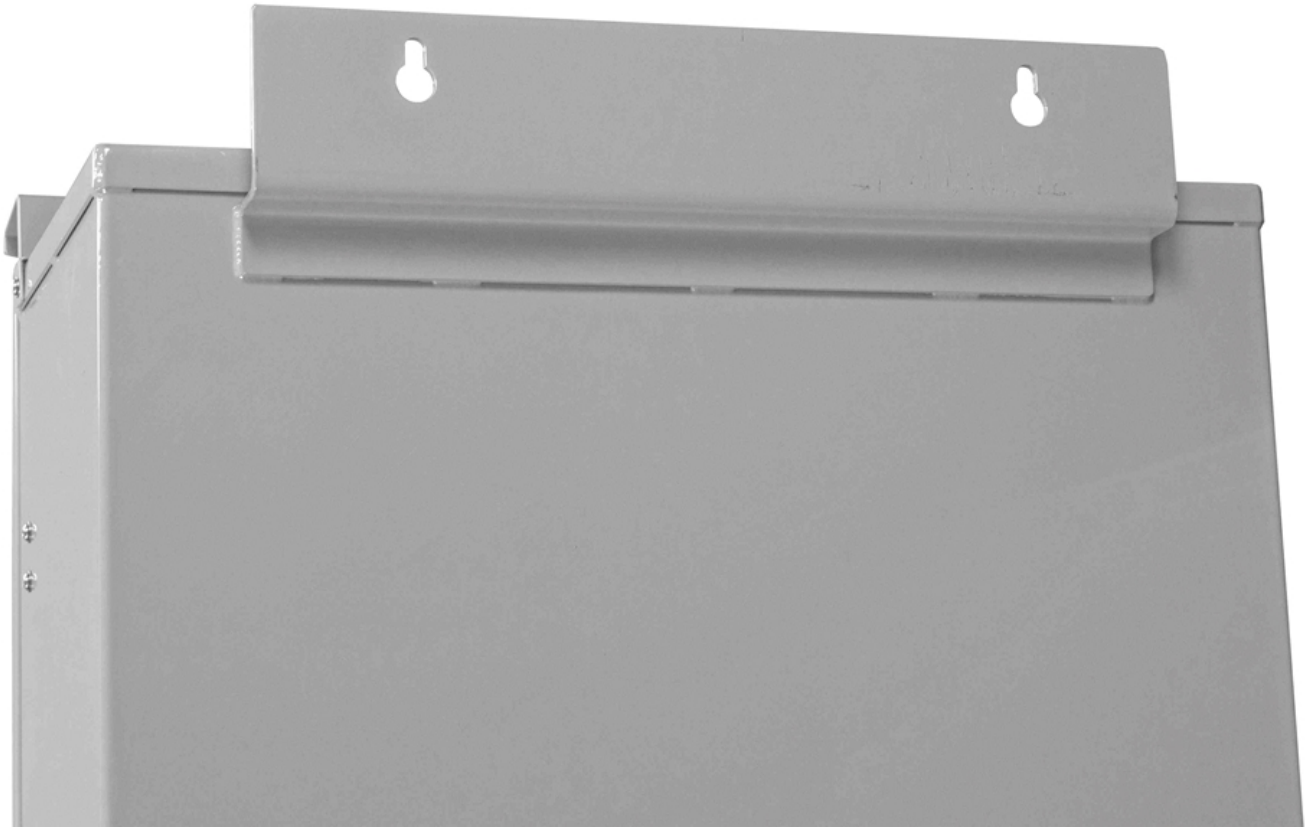

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Product ID: 299987

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**