Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
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## MPD-DS-WLM-INT-3P-3W-5KV-150A-EF-BM-N3R-M2

# Load Interrupter Switch, 150 Amp, 5KV AC, 3-Pole 3-Wire, three 200-amp Class E fuses, Wall Mounted, NEMA 3R - w/ Ground Switch

**Product ID: 338540**

**Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).**



Image: MPD-DS-WLM-INT-3P-3W-5KV-150A-EF-BM-N3R-M2

**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-WLM-INT-3P-3W-5KV-150A-EF-BM-N3R-M2 Load Interrupter Switch**

**Unit Type:** Load Interrupter Switch
**Line-In:** N/A (customer provided)
**Line-In Cord Cap:** N/A (customer provided)
**Line-In Connections:** Terminal Lugs, Accepts 750MCM-1/0
**Line-In Orientation:** Bottom Feed
**Voltage (V):** 5KV AC, 3 Phase
**Current:** Alternate 3 Phase Current
**Ways:** 2-Ways
**Protection Method:** Load Interrupter Switch
**Protection Type:** Class E fuses
**Protection Fuses:** 3 of Class E fuses, Mersen AMP-TRAP 9F60HJD200 or similar
**Protection Ampacity:** 150A
**Mains Rating (Amps):** 150A
**Interrupting Rating:** 40 kA @ 5KV AC
**Disconnect Means:** Manual via Handle
**Ground Switch:** Included
**Line-Out:** N/A (customer provided)
**Line-Out Cord Cap:** N/A (customer provided)
**Line-Out Connection:** Terminal Lugs, Accepts 750MCM-1/0

**Ratings**

UL Listed for service entrance equipment
NEMA certified for performance and safety standards
IEEE standards compliant for medium voltage switchgear
NEMA 3R Rated for Indoor and Outdoor Use
Made in the USA

**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

**Dimensions:** 36"-W x 52"-H x 24"-D

**Weight:** 800 lbs

**Shipping Dimensions:** 58"-W x 44"-L x 98"-H

**Shipping Weight:** 850 lbs

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-WLM-INT-3P-3W-5KV-150A-EF-BM-N3R-M2 Power Distribution Interrupter Switch is engineered for dependable, safe, and efficient power distribution in medium voltage applications. This switch is ideal for industrial and utility settings where robust performance and safety are paramount. Designed for wall-mounted installations, it features a fused disconnect setup within a durable NEMA 3R rated enclosure, making it suitable for both indoor and outdoor use.**

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

The MPD-DS-WLM-INT-3P-3W-5KV-150A-EF-BM-N3R-M2 Load Interrupter Switch includes a manual operating handle, providing users with direct control over the power connection. The system features a dead front cover that ensures user safety by preventing direct contact with the fuses. This cover is vented, allowing for visual inspection without exposure to live parts. When maintenance or fuse replacement is required, the cover can be removed to provide full access to the fuses.

**Enclosure Design:** Constructed from robust sheet steel and finished in ANSI 49 grey, the enclosure offers both protection and aesthetic appeal. Its NEMA 3R rating safeguards against environmental factors such as water, moisture, and debris, making it versatile for various installation environments. The ventilated design enhances natural cooling and helps maintain optimal operating temperatures.

**Certification:** Load Interrupter Switch is UL Listed for service entrance equipment, NEMA certified for performance and safety standards, IEEE standards compliant for medium voltage switchgear

**Mount:** Interrupter Switch is designed for wall mounting. This mounting flexibility ensures that it can be securely installed on vertical surfaces, optimizing space and accessibility in busy industrial settings.

**Customization:** The MPD-DS-WLM-INT-3P-3W-5KV-150A-EF-BM-N3R-M2 Interrupter Switch can be tailored to meet specific operational requirements. Customizations may include different fuse types, additional protective features, or modifications to suit particular installation environments and power distribution needs.

**Applications:** This interrupter switch is suitable for a wide range of applications, including:
1.Primary and secondary disconnects for transformers.
2. Industrial and utility distribution systems.
3. Medium voltage motor controllers and switchgear setups.

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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