

Product ID: 308844

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.

MT-UPM-INT-R7-3P-DMD-600A-CZ-Z6-CZ-ZZ4-M1 Overhead Pole Mount Load Break Switch

Unit Type: Pole Mount Load Break Switch, 4-Way

Line-In: N/A (Customer Provided)

Line-In Cord Cap: N/A (Customer Provided)

Line-In Connections: Terminal Lugs, Accepts #10-#14 AWG

Line-In Orientation: Bottom Feed

Voltage (V): 27600V AC Delta or Wye

Phase (PH): 3-Phase

Frequency (Hz): 60 Hz (60-Cycles)

Nominal voltage rating: 25 KV

Maximum voltage rating: 27 KV

BIL withstand: 150 KV

Continuous current rating: 600A

Momentary current rating RMS: 40000A

Interrupting Rating: 600A RMS @ 27600V AC

3-second current rating RMS: 25000A

Interrupting current: 600A

Disconnect Means: Manual via Handle

Grounding: A ground strap to ground operating handle to ground wire

Line-Out: N/A (customer provided)

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

Line-Out Connection: Terminal Lugs, Accepts #10-#14 AWG

Line-Out Orientation: Bottom Feed

Ratings

NRTL Listed Service Equipment

NRTL Listed to UL 98 Dead Front Switch Boards

NEMA 3R Rated for Indoor or Outdoor Use

Adjustable Quadrant Long Operating Rod w/Torsional Handle

MSD 3015

Vertical (Riser Style), 8' Min Insulated Base

Made in the USA



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: Pole 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: 1-903-765-7664

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 MT-UPM-INT-R7-3P-DMD-600A-CZ-Z6-CZ-ZZ4-M1 from Larson Electronics is an Overhead Pole Mount Interrupter Switch that is designed for reliable, safe, and convenient power distribution at industrial work sites. Designed for pole mounting installations, the Interrupter 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 MT-UPM-INT-R7-3P-DMD-600A-CZ-Z6-CZ-ZZ4-M1 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 27600V AC Delta or Wye, the Interrupter features a manual operating handle. This 3-pole, 3-wire disconnect carries a 600A RMS at 27600V AC interrupt rating, Vertical (Riser Style), 8' min Insulated Base.

Operation: The dead front MT-UPM-INT-R7-3P-DMD-600A-CZ-Z6-CZ-ZZ4-M1 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 MT-UPM-INT-R7-3P-DMD-600A-CZ-Z6-CZ-ZZ4-M1 is protected by an 11GA sheet steel enclosure with ANSI 49 grey finish. A ventilated design promotes natural cooling and improves performance.

Protective Construction: The MT-UPM-INT-R7-3P-DMD-600A-CZ-Z6-CZ-ZZ4-M1 is protected from the elements via a steel weatherproof enclosure with drip shield. Equipped with a hinged locking door, the panelboard carries a NEMA 3R rating for use in indoor or outdoor locations and protection from water, debris, corrosion, and external ice formation. This enclosure provides protection against falling rain and light ice formation. The NEMA 3R rated enclosure prevents beating rain from interfering with the successful operation of the apparatus or result in wetting of live parts and wiring within the enclosure under specified conditions. This unit is compatible with wall mounting installations.

Mount: Operators can mount the service entrance disconnect on poles.

Certification: This Interrupter is NRTL listed to UL 98 dead front switchboards and NRTL

listed for service equipment.

Customization: The MT-UPM-INT-R7-3P-DMD-600A-CZ-Z6-CZ-ZZ4-M1 can be customized to meet specific operating and power requirements. Example of customizations include:

- Making the LBS 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 MT-UPM-INT-R7-3P-DMD-600A-CZ-Z6-CZ-ZZ4-M1 is suitable for indoor 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.



Frequently Asked Questions (FAQ)

There are no Faqs

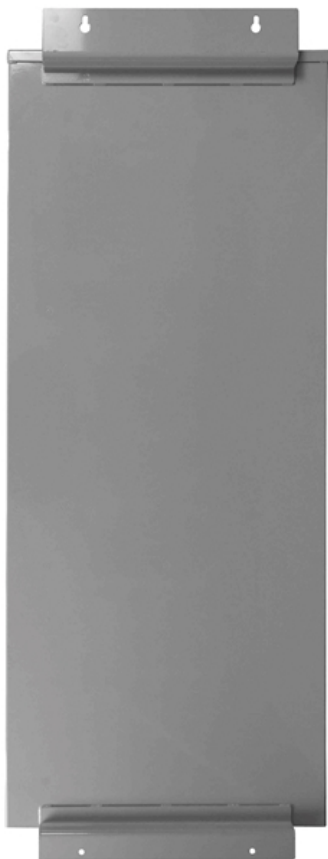


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Product ID: 308844

Export Control Classification Number (ECCN): EAR99



Links (Click on the below items to view):

- **Operations Manual**(<https://www.larsonelectronics.com/images/product/Manual/308844.PDF>)
- **Video1**(<https://www.youtube.com/watch?v=aOJY5E9e33I>)
- **ISO 9001 Certification**(<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
- **Business Certificate**(<https://www.larsonelectronics.com/images/pdfdocs/w9.PDF>)
- **Shipping Time Map**(<https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf>)