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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

MPD-GOAB-UPM-NFDS-3P-3W-15KV-2000A-EF-BM-NC-M1

Non-Fused Gang Operated Air Break Switch, 2000 Amp, 15kV AC, 3-Pole 3-Wire, Pole Mounted, Vertical-Break, Motor Operated, Outdoor Rated (Open-Air), 125 VDC Controls, Remote Controlled

Product ID: 338772

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



Image: MPD-GOAB-UPM-NFDS-3P-3W-15KV-2000A-EF-BM-NC-M1

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-GOAB-UPM-NFDS-3P-3W-15KV-2000A-EF-BM-NC-M1 Gang Operated Air Break Switch, Non-Fused Disconnect

Ratings

Unit Type: Non-Fused Gang Operated Air Break Switch

Line-In: N/A (customer provided)

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

Line-In Connections: Terminal Pads

Line-In Orientation: Pole Mounted

Nominal Voltage: 15 kV Class

Rated Voltage: 15 kV

BIL: 110 kV

Current: 2000 Amps Continuous

Peak Momentary Rating: 63 kA

Short-Time Withstand: 63 kA

No. of Poles: (3)

Wires: (3)

Protection Method: N/A

Protection Type:

Protection Fuses:

Protection Ampacity: -

Mains Rating (Amps): 2000A
Interrupting Rating: N/A
Disconnect Means: Motor Operated Gang Mechanism
Control Voltage: 125 VDC
Remote Control: Open / Close & Status Indication
Manual Override: Manual Crank Operation
Line-Out: N/A (customer provided)
Line-Out Cord Cap: N/A (customer provided)
Line-Out Connection: Terminal Pads
Line-Out Orientation: Pole Mounted
Form Factor: Outdoor Open-Air Assembly
Terminal Pads: Aluminum Alloy
Current Carrying Parts: Aluminum
Switch Base: Hot-Dip Galvanized Steel
Operating Hardware: Stainless Steel & Galvanized Steel
Break Type: Vertical Break Air Disconnect
Visible Disconnect: Yes
Insulators: Station Post Insulators
Phase Configuration: 3-Phase
Ground Clearance: Per ANSI/IEEE Standards
Operator Type: Motor Operated, Remote Controlled
Operator Enclosure: Weatherproof Outdoor Control Enclosure
Mounting: Pole Mounted
Switch Type: Vertical Break
Operation: Remote Controlled
Dimensions: Varies by Pole Structure and Utility Requirements
Weight:TBD
Shipping Dimensions: TBD
Shipping Weight: TBD

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-GOAB-UPM-NFDS-3P-3W-15KV-2000A-EF-BM-NC-M1 Gang Operated Air Break (GOAB) Switch provides operators with a reliable and visible means of isolating medium-voltage feeders, distribution circuits, and electrical equipment in utility substations, industrial facilities, power generation sites, and outdoor power distribution systems. This non-fused outdoor disconnect switch features a vertical-break visible air gap design that provides safe circuit isolation during maintenance and servicing operations. The pole-mounted assembly is designed for outdoor installation and offers motor-operated switching with remote control capabilities for enhanced operational flexibility.

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

The MPD-GOAB-UPM-NFDS-3P-3W-15KV-2000A-EF-BM-NC-M1 outdoor GOAB switch is designed for 15 kV class systems and provides a continuous current rating of 2000 amps. The switch assembly offers a 110 kV BIL rating and is equipped with a motor-operated mechanism

utilizing 125 VDC control power. Remote open and close operation allows operators to control the switch from a centralized location while maintaining a visible disconnect point for enhanced personnel safety.

Operation: The switch utilizes a motor-operated gang mechanism that simultaneously opens and closes all three phases. The operating system includes local control functions and remote open/close capability with status indication. A manual crank override is provided, allowing operation during loss of control power or maintenance conditions. The visible vertical-break design enables operators to visually verify circuit isolation prior to performing service activities.

Construction: This medium-voltage disconnect switch features a rugged outdoor-rated design suitable for utility and industrial power distribution applications. The switch assembly utilizes weather-resistant construction, station-class insulators, and heavy-duty structural components engineered to withstand demanding environmental conditions. The open-air configuration provides a highly visible disconnect point while minimizing maintenance requirements.

Controls: The GOAB switch is supplied with a motor operator utilizing 125 VDC control voltage. Local open, close, and stop controls are provided within the operator assembly, while remote control functionality supports integration into supervisory control and monitoring systems. Position status indication is available for remote verification of switch position.

Mount: Operators can pole mount the GOAB switch in substations, utility distribution networks, industrial facilities, renewable energy installations, and other medium-voltage outdoor power systems where visible isolation and remote operation are required.

Customization: The MPD-GOAB-UPM-NFDS-3P-3W-15KV-2000A-EF-BM-NC-M1 can be customized to meet specific operating and power requirements. Example of customizations include:

• Alternate voltage and current ratings

• Custom control voltages and operating mechanisms

• Additional auxiliary contacts and status indication

• SCADA and remote monitoring integration

• Special mounting configurations

• Utility-specific hardware and accessories

Applications: This gang operated air break switch is suitable for medium-voltage feeder isolation, utility distribution systems, substations, industrial power systems, renewable energy facilities, power generation sites, switching stations, and electrical infrastructure projects requiring a visible disconnect and remote operating capability.

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.

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Frequently Asked Questions (FAQ)

There are no Faqs

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Image: MPD-GOAB-UPM-NFDS-3P-3W-15KV-2000A-EF-BM-NC-M1

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Image: MPD-GOAB-UPM-NFDS-3P-3W-15KV-2000A-EF-BM-NC-M1



Image: MPD-GOAB-UPM-NFDS-3P-3W-15KV-2000A-EF-BM-NC-M1



Image: MPD-GOAB-UPM-NFDS-3P-3W-15KV-2000A-EF-BM-NC-M1

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/338772.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/338772.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/338772.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/338772.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/338772.JPG)
- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/338772.JPG)
- **HigResPic7**(https://www.larsonelectronics.com/images/product/HigResPic7/338772.JPG)
- **HigResPic8**(https://www.larsonelectronics.com/images/product/HigResPic8/338772.JPG)
- **HigResPic9**(https://www.larsonelectronics.com/images/product/HigResPic9/338772.JPG)
- **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)