

MPD-SWGR-MV-XX-SP9604

Replacement SF Load Break Switch Assembly – 630A, 36 kV – Compatible with Vacuum Circuit Breaker Switchgear Systems

Product ID: 336423

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

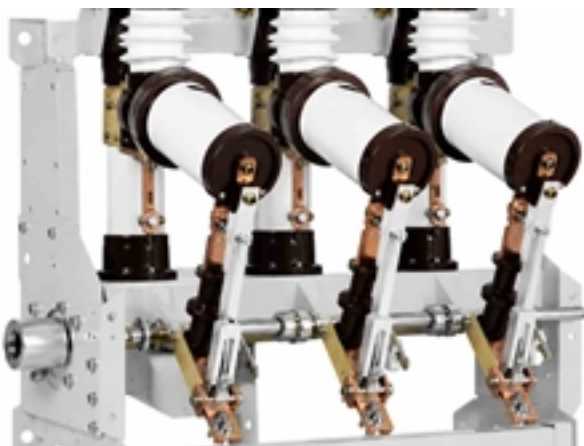


Image: MPD-SWGR-MV-XX-SP9604

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-SWGR-MV-XX-SP9604 Load Break Switch

Unit Type: Replacement SF₆ Load Break Switch Assembly

Rated Voltage: 36 kV

Rated Current: 630A

Rated Frequency: 50/60 Hz

Rated Short Circuit Current (1 sec): 16–20 kA

Rated Short Circuit Breaking Current: 40–50 kA

Lightning Impulse Withstand Voltage: 170 kV

Power Frequency Withstand Voltage (1 min): 70 kV

Isolation Distance Withstand Voltage: 80/195 kV

Mechanical Class: M1

Electrical Class: E3

Protection Degree: IP68

Insulation Medium: SF₆ Gas

Rated Fill Pressure for Insulation: 0.5 bar

Mount: Switchgear Mounted

Wiring: Customer/Application Specific

Features

Compatible with Medium Voltage VCB Switchgear Systems

Metal Enclosed Switchgear Compatible

SF₆ Gas Insulated Design

Vertical Axis Operation

Integrated Earthing Switch

Mechanical & Electrical Interlocks

Sealed Pressure System

Maintenance-Free Operation

Special Orders - Special Requirements

Contact us for special requirements

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E-mail: sales@larsonelectronics.com

The MPD-SWGR-MV-XX-SP9604 SF₆ Load Break Switch Assembly is designed as a

replacement switching component for medium-voltage switchgear systems operating at up to 36 kV and 630A. This LBS 36 series unit features SF₆ gas insulation, a sealed pressure system, and vertical axis operation for reliable load switching performance in industrial and utility power distribution applications. The switch assembly is compatible with metal-enclosed switchgear and VCB switchgear systems and offers high dielectric strength, integrated earthing functionality, and mechanical/electrical interlocking for enhanced operational safety.

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



Export Control Classification Number (ECCN): EAR99



Links (Click on the below items to view):

- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/336423.JPG>)
- **Video1**(<https://www.youtube.com/watch?v=jHCXpMUH4E8>)
- **ISO 9001 Certification**(<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
- **Business Certificate**(<https://www.larsonelectronics.com/images/pdfdocs/w9.PDF>)
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