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## Medium Voltage - Load Interrupter Switchgear

for more information on our products  
Visit [www.safvoltusa.com](http://www.safvoltusa.com)

FOR PRODUCT DEMONSTRATION  
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**SAFVOLT AMERICA LLC**

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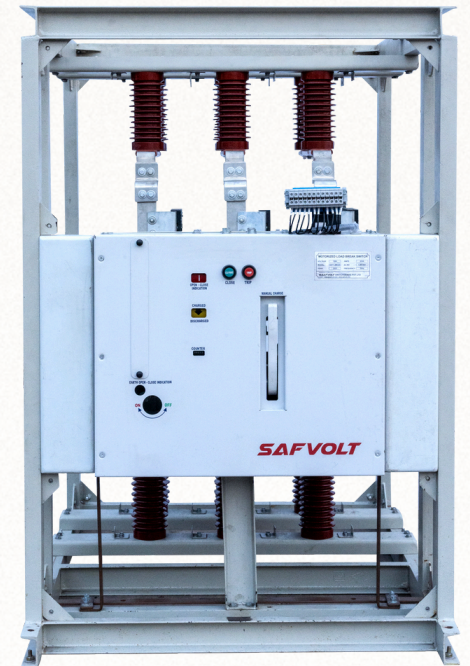
ISO 9001-2015 COMPANY



Tested at  
NABL  
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**INNOVATION & TECHNOLOGY  
MANUFACTURER**



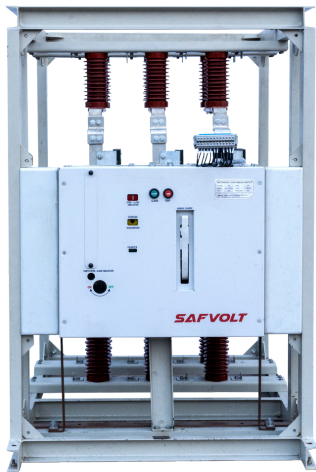
**3.3 - 15kV Load Interrupter  
Switch**

### 3.3 - 15kV Load Interrupter Switchgear

#### Description

MV Load Interrupter Switchgear is an integrated assembly of switches, bus and fuses that is constructed for medium voltage circuit protection. All major components are manufactured by Safvolt, establishing one source of responsibility for the equipment's performance and ensuring high standards in quality, coordination, reliability and service.

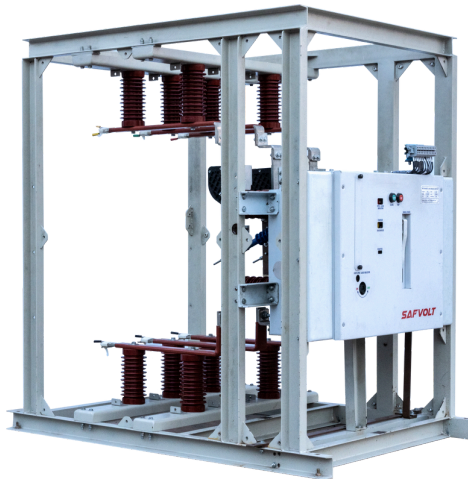
- 3.3 kV and 15 kV voltage classes.
- 600 A and 1200 A continuous load interrupting ratings for 3.3 kV and 15kV classes.
- 600 A continuous and load interrupting ratings for 3.3 kV and 15 kV classes for capacitive circuits.
- Non-fused or fused with current limiting or boric acid-type fuses.
- Manual or motor operated.
- Indoor or outdoor non-walk-in enclosures.
- Single switches and transformer primary switches.



### 3.3 - 15kV Load Interrupter Switchgear

#### Key Components

1. Load Interrupter Switch (LIS)
  - A manually or motor-operated switch.
  - Designed to interrupt normal load current (not fault current).
  - It has arc-quenching features (air, SF<sub>6</sub>, or vacuum types).
2. Fuses or Vacuum Contactors (Optional)
  - Provide overcurrent protection when integrated with the switch.
3. Enclosure
  - Houses the switching devices; may be metal-clad, metal-enclosed, or pad-mounted for outdoor use.
4. Busbars and Insulators
  - Conduct and support internal electrical connections.



### 3.3 - 15kV Load Interrupter Switchgear

#### Applications

- Industrial facilities
- Commercial buildings
- Utility substations
- Renewable energy systems

Used for:

- Switching transformers, capacitor banks, or feeders on and off.
- Isolating circuits for maintenance.
- Load shedding and system reconfiguration.

Advantages:

- Cost-effective alternative to circuit breakers for switching under load.
- Simpler design = less maintenance.
- Reliable for routine switching operations.

