



Metal-Enclosed Medium Voltage Switchgear



Fusible Load Interrupters

IEM's fusible load interrupter product line is available in the 2.4kV, 5kV, 15kV, 27kV, and 38kV classes in outdoor non-walk-in, outdoor walk-in and indoor enclosures. IEM metal enclosed switchgear utilizes a compartmentalized construction isolating the bus, cable, and main switches and allowing for minimal maintenance and use of interior barriers.

Metal-enclosed switchgear can be configured to meet unique physical and electrical requirements.

Metal-Enclosed Medium Voltage Switchgear

Full Customization and Design Flexibility

Component & Metering Selection Options

Cost-effective Option Provides Safe, Dependable Switching and Fault Protection

Seismic Tested to Worst Case Response Spectrum

Indoor and Outdoor Applications

UL or CSA Listed; Meets ANSI, IEEE, and NEMA Standards

Features & Benefits

- Voltage 2400V – 38kV
- Ampacity 600A – 3000A
- Rear access for load and incoming connections
- Front connections when required
- Single phase load protection when required
- Arranged to metal clad configuration if applicable
- Compartmentalized construction including utility metering for most U.S. utilities
- Unit substation primaries
- Indoor or outdoor application



Seismic Rating

Seismic testing completed – fully qualified to worst-case response spectrum.

Technical Specifications

IEM Switchgear meets or exceeds all ANSI, IEEE, and NEMA standards applicable to metal-enclosed switchgear including C37.20, C37.20.2, C37.20.3, C37.55, C37.57, and NEMA SG-4.

IEM Switchgear meets seismic testing, circuit requirements as outlined by IEEE344 and ICC-ES-AC156.

NEMA 1 and 3R enclosures

IEM Difference

All enclosures are designed for specific application with improved dimensional flexibility and finished using state of the art powder coating system providing an indoor finish that exceeds the 1500 hour salt spray testing requirement for outdoor equipment to 3000 hours.

Component and metering selections are based on value engineering for the application and optimized to meet specifications.



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