

Switchgear: MME -Circuit Breaker

UEE Switchgear

UEE manufactures safe, reliable, and cost-effective CSA-certified switchgear using a modular approach that leverages extensive design experience with a vast library of metal-enclosed, metal-clad and arc-flash resistant switchgear cell configurations.

Using advanced 3-D modeling techniques, our UEE design team can readily configure complex and completely unique switchgear lineups from pre-existing models without the time and cost typically associated with ground-up custom design and fabrication.

Modular Metal-Enclosed Switchgear – Circuit Breaker

UEE Modular Metal-Enclosed (MME) Circuit Breaker Switchgear is a simple, reliable, low-maintenance and cost-effective solution suitable for high-voltage switching applications that require the flexibility of protection relay and circuit breaker schemes. Compact and light, UEE Modular Metal-Enclosed Switchgear fits most indoor or outdoor locations.

UEE MME Circuit Breaker Switchgear utilizes industry recognized and specialized high-voltage vacuum or SF6 circuit breakers. The breakers can be fixed or withdrawable and are complete with regulatory safety devices, such as trapped key interlocks, for further ensuring safe operation. The breakers can also be configured with extra devices such as auxiliary contacts, operation counters, undervoltage relays, etc.

Digital protection relays are provided with protective functions that meet system specific requirements.

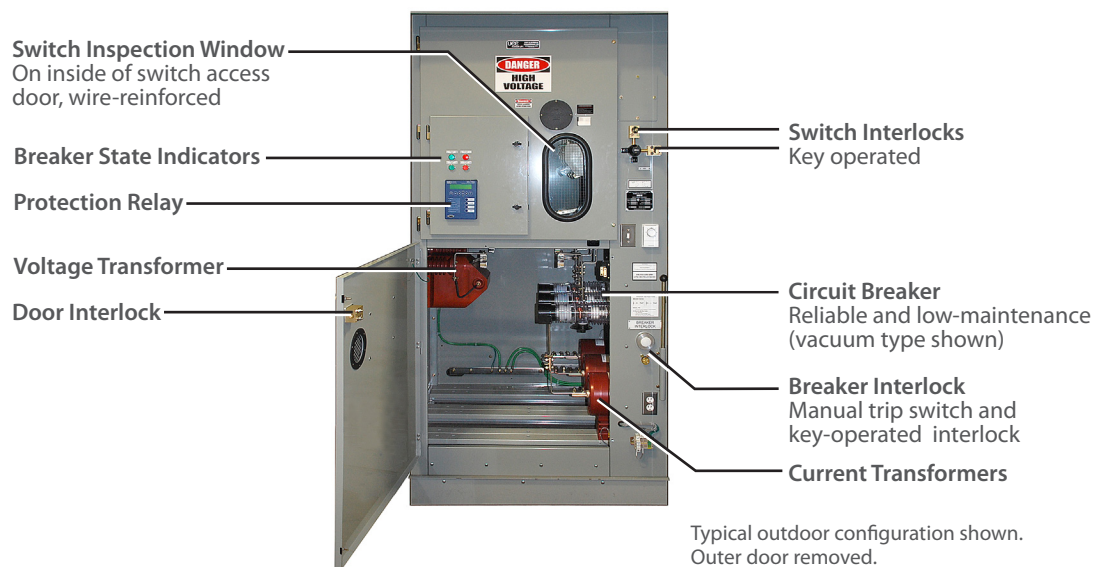
Each MME Circuit Breaker Switchgear module has separate access doors to both the upper switch compartment and the lower breaker compartment. Both access doors are protected by key interlocks. A wire-reinforced glass window in the switch access door allows a visual check of the switch blades to verify the switch state. Protection and control devices are located in a segregated compartment.



Standards

All UEE Switchgear is certified to CSA C22.2 No 31-10, and meets the requirements of ANSI C37.20.3.

UEE MME Circuit Breaker Switchgear Module



Power Distribution

Typical Specifications

Electrical Ratings	BIL kV	Rated Short-Time Current (2 seconds) kA (RMS Sym.)	Rated Main Bus Current Amperes	Rated Maximum Voltage kV
15 kV Switchgear	95	25, 38, 50	600 - 3000	15
25 kV Switchgear	125	25, 38, 50	600 - 3000	27

Breaker Ratings	BIL kV	Dielectric Strength Test Voltage kV (RMS 60 Hz 1 min.)	Interrupting Current kA (RMS Sym.)	Continuous Current Amperes
15 kV Switchgear	95	36	16, 20, 31.5	600 - 3000
25 kV Switchgear	125	60	16, 20, 31.5	600 - 3000

Higher ratings available on request.

Physical	
Typical Cell Height	91.5"
Finish	Heat-cured polyester powder-coat
Indoor Enclosure Rating	EEMAC 2
Outdoor Enclosure Rating	EEMAC3
Tamper/Vandalism Protection	Penta-head-actuated 3-point locking latch system (outdoors only)
Typical Cell Weight (approx.)	15 kV: 1700 lbs indoors / 2200 lbs outdoors 25 kV: 2000 lbs indoors / 2500 lbs outdoors

For additional technical details or specifications, call 1-250-497-5254 or visit www.uee.com.