IEM’s unique approach to engineering and manufacturing allows us to assemble products that meet specialized dimensional and electrical requirements.

Our flexible capabilities allow for the selection of industry leading components including control and measuring devices, allowing for a superior, fully customizable control and monitoring electrical assembly. This is just one element of IEM’s superior control solutions to provide protection and operational reliability for any quality power distribution assembly.

Depending on the users’ technical and physical requirements, UL 1066 power circuit breakers can be mounted in a fixed or drawout configuration. Indoor, outdoor non walk-in enclosures are available in an extensive selection of durable color finishes.

**FEATURES & BENEFITS**

- Voltage: up to 600Vac; Ampacity: up to 5000A
- UL 1066 Circuit Breaker; or CSA
- Through the door breaker operation
- Front accessibility to control and communication wiring
- All drawout breakers have unique drawout design allowing for through-the-door racking
- Short-circuit rating 200kA (480V) / 100kA (600V)
- Short-time withstand rating up to 85kA (600V)
Low Voltage Power Circuit Breaker Switchgear

FEATURES & BENEFITS (CONT’D)

• Metering compartment to applicable utility’s standards (300A minimum)
• Variety of fully integrated component options available including SPD, PLC or relay based transfer scheme, automation, metering and monitoring
• Large rear cable compartment pull area allowing maximum room for power cables
• Bus provision for future equipment expansion
• System designed for maximum uptime with low maintenance
• Modular circuit breaker designed for easy addition of control accessories
• Circuit breakers are available in various levels of interrupting ratings from 42–200kA at 480V and 130kA at 600V
• Up to four (4) 1600AF circuit breakers in a 24-inch wide section or up to four (4) 2000AF circuit breakers in a 30-inch section (Max 5000A cumulative load per section).
• Circuit breakers of like frame sizes and interrupting ratings are interchangeable
• Available in NEMA 3R outdoor 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.

TECHNICAL SPECIFICATIONS

IEM Low Voltage Switchgear meets or exceeds applicable standards including UL1558, and ANSI C37.20.1.

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