

Low Voltage Switchgear

Maverick Power Low Voltage Switchgear bridges the world of robust industrial design and cutting edge digital technology. Its intelligent protection, controls, energy management, and communication capabilities turn traditional power systems into connected, data-driven assets.

Seamless Digital Integration

Built-in communication interfaces compatible with seven different protocols for seamless system integration. Real-time monitoring, data logging, and predictive diagnostics enhance reliability and energy efficiency.

Compact & Modular Design

In a single section, this switchgear supports 4-high breakers and main-tie-main configurations. Additionally, breakers up to 2000A fit in an 18 in wide section, delivering a compact and modular solution for tight spaces.

Advanced Protection & Power Management

Intelligent Emax 2 breakers with Touch and Hi-Touch trip units offer maximum flexibility with a wide range of upgradable solutions during initial order or for future downloads.

Arc Flash Mitigation

Arc flash maintenance mode and zone selective interlocking (ZSI) are available to reduce arc flash energy. Remote breaker racking devices, remote operation and monitoring are available to keep personnel outside of the arc flash boundary.



Applications

- Industrial
- Utility
- Critical Infrastructure
- Healthcare
- Data Center

Standards & Compliance

- UL 1558 LV Switchgear (File No E515264)
- UL 1066 LV Power Breakers
- ANSI/IEEE C37.20.1, C37.13, C37.16, C37.17 & C37.50
- cUL certified to CSA 22.2, No. 31
- NEMA SG5
- Seismically qualified



Superior Maintainability

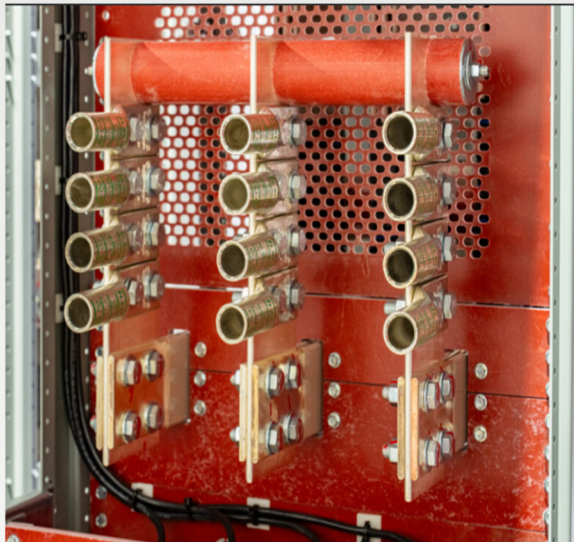
The switchgear construction allows technicians to isolate, test or replace breakers without disturbing live circuits. The Emax 2 breakers enable remote monitoring and configuration to minimize downtime. This results in faster maintenance, improved safety, and reduced total cost of ownership over the switchgear lifecycle.

Durable Compartmentalized Design

Built on a rugged steel frame with clearly defined, compartmentalized sections for the busbar, breaker, and cable areas. This design improves safety by isolating energized components, reduces fault propagation, and ensures long-term mechanical strength in demanding environments.



Breaker Compartment with
Vertical Wireway



Rear cable compartment, isolated
from bus compartment.

Switchgear Ratings

Maximum Rated Voltage	635V AC
Rated Operating Voltage	240V AC, 480V AC, 600V AC 3-phase 3-wire, 3-phase 4-wire
Rated Frequency	50/60 Hz
Rated Current	2000A, 3200A, 4000A, 5000A
Short Circuit Withstand (4 cycles)	100kA
Short-Time Withstand (30 cycles)	85kA, 100kA
Neutral Current-Carrying Capacity	2000A, 3200A, 4000A, 5000A
Enclosure Ratings	NEMA 1, NEMA 3R (Non-Walk-In)