MAVERICK POWER
Think it. Done.

Datasheet

Technical Information

Medium Voltage Metal Clad Switchgear

Reliable Power, Maximum Protection

In today's high-demand power environments, reliability, safety, and efficiency are non-negotiable.

Medium voltage metal-clad switchgear is engineered to protect critical electrical infrastructure while delivering seamless power distribution in primary or secondary applications.

Designed to meet ANSI/IEEE C37.20.2 standards, this switchgear offers compartmentalized construction, enhanced arc flash mitigation, and flexible system integration.

Compact Footprint

With a narrow footprint, 2-high designs across the portfolio, and small PT compartments, Maverick provides a compact solution.

Breaker Technology Built for Critical Power

ADVAC breakers with spring-operated mechanisms are standard. Optional AMVAC breakers with more robust magnetic actuators are also available, offering enhanced performance and reduced maintenance costs. Fully compliant with ANSI/IEEE C37.04, C37.06, and C37.09 standards these breakers ensure safety, reliability, and longevity in demanding applications. Integrated SEL protective relays come standard, with the flexibility to accommodate alternative relay options upon request.

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Applications

- Data Centers
- Industrial
- Healthcare
- Utility
- Commercial

Standards & Compliance

- ANSI/IEEE C37.20.2
- ANSI/IEEE C37.04, C37.06 & C37.09
- UL listed (File No E143324 & E515265)
- cUL certified to CSA 22.2, No. 31
- Seismically qualified

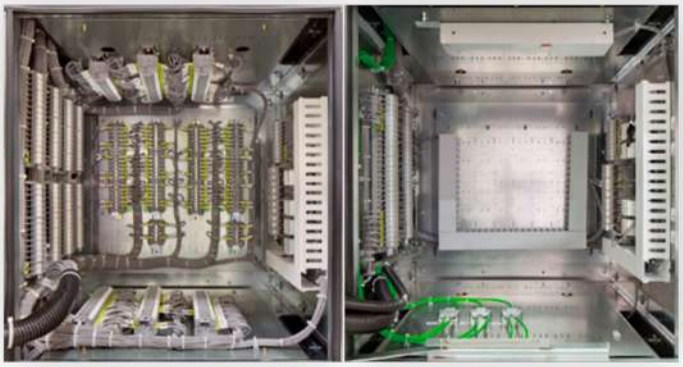
Digital Switchgear

Metal clad switchgear can be digitized with the use of sensor technology. With fewer wires to install, commission, and maintain, this option provides enhanced safety, reliability, and accuracy.

Protective relays fully support the IEC 61850 standards for communication and interoperatabilty of substation automation devices.

Improved Arc Flash Safety

Standard Lexan viewing windows allow for inspection of the breakers with the doors closed. Various remote racking mechanism can be used to move personnel outside the arc flash boundary. Additionally, an arc-quenching Ultra-Fast Earthing Switch (UFES) may be used to reduce downtime and repair costs by 98%.



Traditional Low Voltage Compartment (Left) & Compartment With Sensor Technology (Right)

Key Specifications

Feature	Unit	Switchgear Voltage Class		
		5 kV	15 kV	27 kV
Maximum Rated Nominal Voltage	kV	4.76	14.4	27
Main Bus Continuous Current	A	1200, 2000, 3000, 4000**		1200, 2000
Short Circuit Current (rms)	kA	25, 31.5, 40, 50, 63		16, 25
Rated Frequency	Hz	50, 60		
Impulse Level (BIL, crest)	kV	60	95	125
Enclosure Ratings	Indoor, Outdoor (non-walk-in), or Power			

** Ratings given are for service conditions within temperature and altitude limitations as defined by IEEE C37.20.2-2015 metal-clad switchgear standard.*
*** 4000 A is forced-air cooled.*