



Metal Enclosed Switchgear, 5-35kV 1200 A Maximum Loadbreak, 4000 A Maximum Non-Loadbreak



Powergrid Solution's Metal Enclosed Switchgear has many different customizable options and configurations. Customers are able to choose from either loadbreaking or non-loadbreaking switches and either expulsion or current-limiting fuses. These switches and fuses can be chosen from multiple manufacturers. With various steel construction options, this metal enclosed switchgear is both strong and durable.

Design • Build • Deliver



Metal Enclosed Switchgear, 5-35kV

1200 A Maximum Loadbreak, 4000 A Maximum Non-Loadbreak

Models

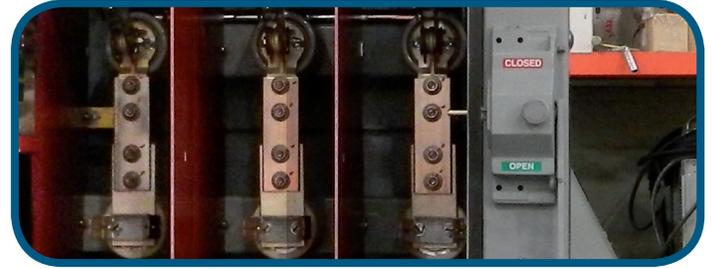
SMEG

Standard Features

- Paint meeting IEEE C57.12.28
- Mild Steel
- Air insulation technology
- Copper bus (*silver- or tin-plated*)
- Custom paint colors (*when specified at time of order*)
- Full-height (front/rear) hinged doors
- Interactive personnel safety barrier (*operates in conjunction with fuse replacement*)
- Minimized shipping splits
- Sloped roof
- Stainless steel backing screens on louvers
- Welded construction

Customization Options

- Galvanneal or stainless steel construction
- Base undercoating
- Concealed hinges (*stainless*)
- Custom dimensions
- Customer-specified components/materials
- Externally removable ventilation filters
- Future bus expansion
- Ground switches
- Heaters and humidistats
- Insulating non-drip compound (*inside roof*)
- Interior or exterior lighting
- Key interlocks
- Load break switching to 1200 Amp;
non-load break switching to 4000 Amp
- Mimic bus
- Motor operators
- Multi-lingual exterior/interior signage
- Indoor, outdoor aisleless or walk-in aisle construction
- Relay packages
- Retrofit to existing
- SCADA interface
- Screened or sealed floor
- Penta Head latch (*3-point, dual-action, positive verification latch*)
- Sleeved, insulated bus
- Surge arrestors
- Trailer-mounted
- UL or CSA listed
- Utility and/or customer metering



The Powergrid Solutions Difference

A major telecommunications company needed to expand its switching center. It would be an expensive project and they were looking for a cost-effective solution. The Powergrid Solutions team developed a space-saving solution, using hybrid switchgear. Rather than utilizing circuit breakers on the distribution feeders, the team designed two opposing switches on the common bus in place of each breaker, with no transitions. The end result was a more compact, cost-effective distribution solution: UL listed, medium-voltage generation/distribution switchgear. The creative solution saved the customer thousands of dollars in space and equipment costs.

For more information, please visit our Web site, contact our sales network or reference our catalog.

3110 Progress Drive

Oshkosh, WI 54901

p 920.232.8888

f 920.232.8977

www.powergridsolutionsinc.com

