

METAL CLAD MEDIUM VOLTAGE SWITCHGEAR



GENERAL INFORMATION

Metal Clad MV Switchgears can produce up to 36kV. They are especially designed for branch substations and power plants and equipped with the switching device mounted on a truck and metal cladded. Metal Clad Switchgears are presented with metallic unit compartments as well as a separate metal cladded compartment each for the vacuum circuit breaker truck, the bus-bars system, the cable compartment.

TECHNICAL DATA

Rated Voltage (kV): Up to 36kV

Rated Main Bus Current (A): Up to 3150A

Rated Main Feeder Current (A): Up to 3150A

Short Time Rated Withstand Current: 31.5 - 3sec

Product Standard: IEC 62271-200

** Metal Clad Switchgears can product with SF6 Gas

Insulated or Vacuum Insulated Circuit Breakers according to the customer's request.

*** Metal Clad Switchgears can product with Truck Type or Withdrawable Type according to the customer's request.

APPLICATION

- Power Plants
- Switching Stations
- Organized Industrial Zones
- Food, Paper and Textile Factories
- Hospitals
- Water Treatment plants
- Shopping Malls
- Water Pump Stations

ADVANTAGES

- Safe switching through sound and secure locking
- Superior ease to operate
- High strength in electric and mechanics
- Allows to expand due to the modular design
- Easy to install
- Easy transportation and storage
- Maximum security
- Easy to use



Air Insulated Metal Clad MV Switchgear

Air Insulated Metal Clad Switchgears provide a high level of security against false mechanical and electrical locking and false manoeuvres. Air Insulated Metal Clad Switchgears save space with reduced dimensions. Sections are separated from each other by metal partitions. Front, side and rear access is possible. Air Insulated Metal Clad Switchgears provide a high level of personnel and operational safety and operation and maintenance services.



Gas Insulated Metal Clad MV Switchgear

Gas insulated switchgear is a medium voltage metal-clad gas insulated switchgear which applied in outdoor and indoor 3 phase AC secondary power distribution system in utility and substations. Metal-clad switchgear is one of three common types of metal-enclosed switchgear.

