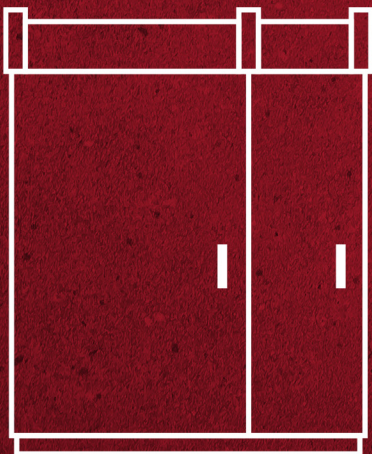




# Metal enclosed



#EnergyThatTransforms

## Metal enclosed



### General information

- The medium voltage panel, used for load switching, is divided into compartments to increase the safety of the equipment and user, in accordance with the characteristics of the Metal Clad equipment.
- The circuit breakers mounted in our panels are of the vacuum type of proven quality, designed according to IEC standards.
- Additionally, it offers a versatile design, which can be assembled in various combinations to meet the user's application and/or process requirements.
- Its compartments include feeder section, circuit breaker section, bus section, load output section, control section and instrument section.
- They are integrated under the characteristics mentioned in the ANSI/IEEC C.37.20.3 standard.
- Available in voltage ratings from 4.16 kV to 24 kV and interrupting ratings from 25 to 40 kA.
- The equipment is manufactured in fixed or removable variations, manually or electrically operated (according to customer's request).

### Description

- Although our integration is not limited to vacuum only, it can contain air disconnects and fused disconnectors.
- It has advanced protection and metering relays, with great advantages for the operator and the plant maintenance team.



## Metal enclosed



### Product features

Available working voltages	4.16 kV, 13.2 kV, 13.8 kV y 24 kV.
Interrupting ratings	25 kA y 40kA.
Current ratings	630A, 1200A, 2000A (5 o 15 kV)
Enclosure	12 gauge carbon steel
Lids	14 gauge carbon steel
Covering	Electrostatic painting, oven-drying

### Application

- The METAL ENCLOSED MINE POWER panel is used for centralized control and protection of equipment, circuits in industrial, commercial and utility installations including generators, motors, feeders and medium voltage transmission and distribution lines.



## Metal enclosed



### Standards

ANSI/IEEE 37.20.3

### Benefits

Resistance of the vacuum circuit breakers, capable of withstanding 50 to 200 total fault current interruptions at their maximum capacity.

Prevent contact with primary voltage connections when the breaker is removed, thanks to safety barriers in the grounded steel module.

Reduced maintenance of the removable vacuum interrupter, requiring only periodic servicing. No contact adjustments are required.

Excellent partial discharge resistance and fire-retardant properties, due to thermo-shrink sleeve bus insulation.

Standardized functional designs for guaranteed delivery times.


Wide availability of protective relays, designed to meet the requirements of all applications and to provide the best in system and component protection.



### Complementary product

Portable lifter for circuit breakers (5-24 kV).  
Test cabinet.  
Inspection sales with thermographic camera.  
Audible and visible voltage presence alarms.

# MINE POWER®

 Blvd. Juan Pablo II 601 Ote.  
Col. Ampliación Ignacio Allende.  
Torreón, Coah., México.

 [www.minepower.com.mx](http://www.minepower.com.mx)  871 792 2322

ENERGY THAT **TRANSFORMS**

© All rights reserved 2022 Mine Power®, Blvd. Juan Pablo II 601,  
Col. Ampliación Ignacio Allende. Torreón, Coahuila C.P. 27400.