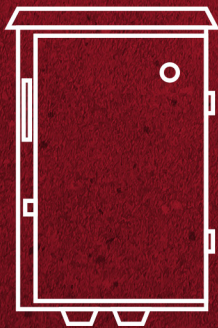




Passage box



#EnergyThatTransforms

Passage box



General information

- MINE POWER PASSAGE BOX is used to bypass three-phase low voltage electrical systems in mineral processing plants, mines or any industrial facility that needs to branch its electrical services easily and safely.
- Its voltage presence sensor for the three phases and ground, offers a correct operation of the equipment and greater safety to the personnel. It is a very useful instrument to monitor the voltage supply on the phases and the possible return on the ground or energized housing.
- It can be directly coupled with a ground fault module for protection of users and equipment at 30 mA to mS (optional).
- It also has a transformer for low power 110 or 220 volts services such as led lighting.

Description

- Schneider thermomagnetic switch model NSX or POWER PACT 150A, 250A, 400A or 600A.
- Rugged N3R enclosure, painted ANSI 61 gray with oven-dried electrostatic paint.
- Heavy-duty lever mounted on side attachment with locking handle holder.
- Transformer of own services 1 KVA.
- 110V and 220V outlets with weatherproof covers.
- Ground fault protection module (optional).
- It has a 1KVA service transformer for 110v/220v voltage loads, protections and outlets installed on the side of the equipment.



Passage box



Product features

- White painted carbon steel plate.
- Solidly bolted equipment.
- Main switches models NSX or POWER PACT.
- Power inlet and outlet at the bottom.
- Heavy duty lever.
- Lock with padlock holder.
- Carbon steel enclosure.
- Coated with oven-dried, long-lasting polymer-based powder paint.
- Exterior anchor base, which avoids drilling into the cabinet.
- Receptacle covers for outdoor use.
- Cable entry with glands and cable glands.
- Approximate weight 88 lbs.

Equipment specifications

| Degree protection | Material | Finish |
|-------------------|---|--|
| Nema 1 or N3R | Carbon steel sheet ASTM A36 12 gauge in structure and 14 gauge in covers. | Grey electrostatic paint ANSI 61 color |

Application

- The low voltage switchboards are useful in areas where a quick and safe cable removal maneuver is required, changes of route or direction with this equipment avoids cutting electrical cables and ties.
- It is also used to energize and protect pumps, fans and other equipment.
- And with the addition of the VIGI module, the equipment and users are protected from possible ground faults.
- From the same switchboard, you can connect the lighting for the electrical niche and perform maneuvers with minor electrical appliances in 110v or 220v.



Passage box



Benefits

Ground fault protection.

Effective voltage disconnection.


Quality equipment.

Specialized field service.

Standards

- UL 1053 Protection of property.
- IEC61008 Protection of property and personnel.

MINE POWER®

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

 www.minepower.com.mx  871 792 2322

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Col. Ampliación Ignacio Allende. Torreón, Coahuila C.P. 27400.