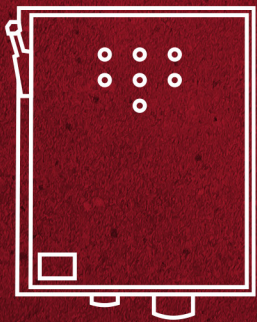




Standard sentinel



#EnergyThatTransforms



General information

- The MINE POWER SENTINEL protection panel is an integrated equipment with quality components to protect the most important thing in your organization; "the human capital".
- The MINE POWER SENTINEL equipment integrates ground fault and loss of ground wire protections, which makes it highly reliable for the protection of electrical equipment and operators, especially in installations where humidity is a risk factor, such as in mines and pumping plants.
- The MINE POWER SENTINEL integrates protections for overload, short circuit, ground fault and ground wire loss.
- It has a voltage presence tester with the operator visualizes the presence of voltage on the lines and the possible presence of return voltage through the ground wire.

Description

- The MINE POWER SENTINEL cabinet is distinguished by the reliability of the equipment and its operators.
- With a lateral attachment, it allows the lever to be mounted and operated from the side, avoiding the operator to be in front of the door, minimizing the risk of electric arc injuries.
- It has screw-type fasteners that hold the door for greater security. Coated with powder paint cured at temperature with a duration in saline chamber of 700 hours.
- The hoists placed on the outside are practical and safe, welded all around resisting the weight of the equipment and helping to mount it without the need to drill the cabinet; maintaining its hermeticity. In addition, fixing is simple on any surface, including walls, panels or bulkheads.
- The main switch operating lever is a robust, high-security lever with space for three padlocks and door locking; indispensable in the LOTO (lock out, tag out) security procedure.



Standard sentinel



Product features

- Standard finish with electrostatic, oven-hardened paint in ANSI 61 embossed GRAY TONE.
- If any particular shade or color is required, it should be indicated when ordering.
- The MINE POWER SENTINEL can also be manufactured in stainless steel, ideal for the food industry.
- Current capacity: 150A, 250A and 400A.
- Operating voltage: 480 VAC.
- Control voltage: 120 VAC.
- High durability linear outer drive mechanism.
- Ground fault protection and pilot wire monitoring.
- Voltage presence detector.
- Gland connection and derivation by means of 480V meltric receptacle up to 250A.
- Door lock and padlock holder.
- Option to implement "Verisafe-panduit" voltage-free equipment.

Equipment specifications

Equipment code	Degree protection	Material	Receptacle	Approximate weight
MPCENT15	Nema 4	Steel A36 / Polyester	Meltric 150	154 lbs
MPCENT250	Nema 4	Steel A36 / Polyester	Meltric 250A	165 lbs
MPCENT400	Nema 4	Steel A36 / Polyester	N/A	198 lbs

Protection of electrical users and equipment in:

- Inland or open-pit mining industry.
- Food industry.
- Production lines in very humid places.
- Pumping and re-pumping stations.



Centinela estándar



Benefits

Practical and intuitive connections.

Harness-based control wiring for quick and easy maintenance.

Practical way to remove the GM200 developer, as it has a plug and play connection to avoid long disconnection and replacement times, avoiding production losses due to downtime.

Flanged connection; for easy interchangeability of inlet fittings and load connection; giving the user the option to choose the receptacle of their choice and position it by removing the blind flange and mounting the new one. Only if blind flange is required; Meltric receptacle is standard.

Power supply inputs on highly durable terminals prevent damage to the switch terminals.

Voltage supply and load output, located at the bottom of the SENTINEL, allow the MINE POWER SENTINEL to be powered easily, without having to cut into the cabinet.


Normativas

Normas aplicables:

- UL 1053 protección de bienes.
- IEC 61008 protección de bienes y personas.



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