



The Centinela Mine Power protection panel is an integrated unit built with high-quality components. It includes ground-fault protection and ground-conductor continuity loss (loss of ground wire) protection, making it highly reliable for protecting electrical equipment and operators—especially in installations where humidity is a risk factor, such as mines and pumping plants. It also includes protection against overload and short circuits.

Specifications

Rated voltage	440 - 480 VCA
Frequency	60 Hz
Incoming connection	Interchangeable flange
Outgoing (branch)	DR Meltric receptacle, rated 150 / 250 A
Construction	A36 Steel / Polyester
System	3 phase, 4 wire
Rating	150 / 250 / 400 A
Control voltage	120 VAC
Ground-fault trip time	30 - 2000 mS
Coating	Oven-cured electrostatic powder coating
Voltage presence indicator	Detection range: 30–600 VAC
Control wiring	Harnesses
Enclosure	Door-interlocked operating handle, padlock provision, and door latch with screw-type terminals.



Suggested spare parts

Code	Description
GM 200	Protection relay for ground wire loss
HARNESS GM200 KIT	GM200 plug and play harness
HARNESS 250 KIT	Full control harness
16301-3	Connection terminals for voltage supply voltage

Ordering information		Degree of protection	Material and finish	Receptaculum	Approx weight	Dimensions
MPCENT48015014E	Standard Sentinel 150 A 480. Includes outlet and handle	NEMA 4	A36 steel / Polyester	Meltric 150	154.32 lbs	36" X 30" X 12"
MPCENT48025014E	Standard Sentinel 250 A 480. Includes outlet and handle	NEMA 4	A36 steel / Polyester	Meltric 250 A	165.34 lbs	36" X 30" X 12"
MPCENT48040014E	Standard Sentinel 480 A 480. Not includes outlet and handle.	NEMA 4	A36 steel / Polyester	N/A	198.41 lbs	42" X 30" X 12"

Note: Stainless steel cabinet, receptacles and outlets of your choice are available upon request.
If you have any questions, please contact our sales department at **(871) 731 89 41**.