

Making mining safer with new products at Electra

Ampcontrol is introducing a number of new products to the South African mining market at Electra aimed to improving safety underground. Using South Africa's largest mining exhibition as a stage to promote these latest solutions, Ampcontrol will showcase the VSDguard, the advanced wide bandwidth earth leakage protection solution for hazardous area mining.

VSDguard – protect your people and your assets

VSDguard, Ampcontrol's newest electrical protection technology, is a high performance wide bandwidth earth leakage relay and is the only solution of its kind that provides information which can be interpreted to improve and validate your earth leakage protection scheme.

The technology mitigates the increased risks associated with the use of variable speed drives in earth fault current limited networks.

VSDguard detects earth leakage currents from 20Hz to 8kHz and has wideband, narrowband and weighted frequency modes capable of measuring and analysing power and switching frequency currents flowing in IT power systems.

Ampcontrol will be demonstrating VSDguard at Electra, so come and talk to us about how you can arm you with current information on your IT electrical system and ultimately to improve safety and efficiency.

Gate end box power distribution

Ampcontrol will also be showcasing their newest mining power distribution product, the next generation gate end box trailer.

The expandable, versatile power distribution units offer triple outlet capacity, multiple levels of electrical protection via an isolator/circuit breaker combination and advanced isolation technologies for increased operator safety.

The technology backbone of Ampcontrol's new gate end box, designed with increased efficiency and safety in mind, is the removable switchgear chassis. The chassis houses all electrical protection relays, contactors in a single unit that is quickly isolated and removed for replacement or repair.

Visit Ampcontrol in Hall 8, Stand 10D to learn more about these products or go to

ampcontrolgroup.com/electra