

1000V Jumbo Starter

Ampcontrol's 1000V jumbo starter is designed specifically for hard rock mining applications, in particular for underground drilling and tunnelling installations.

Ampcontrol's range of starters integrates industry leading motor control and protection to maximise safety and reliability.

Specifically designed for hard rock mining applications, the PF1 integrated protection relay provides motor control and protection and has the ability to perform two standard protection functions which are compliant to AS/NZS2081 for Earth Leakage and Earth Continuity.

Alternatively the IPM integrated protection relay can be installed which provides additional protection functionality and the panel mounted display includes an easy to use interface for managing relay settings.

Protection validation is critical to ensure the safest system is maintained. Ampcontrol's Outlet Test System (OTS) provides a fully automated, comprehensive outlet testing facility that eliminates paper-based record keeping. Designed specifically for the hard rock mining industry, the OTS tests and validates the positive operation of the protection functions outlined in AS/NZS2081 and clearance times for earth leakage protection.

A rugged design with sturdy impact resistant frame encasing the mild steel enclosure ensures reliable operation in harsh mining environments.



Features

- + Integrated electronic motor and pump protection using Ampcontrol's PF1 integrated protection relay (IPM variation available)
- + Industry leading AS/NZS2081 electrical protection testing and validation using the OTS
- + IP rated mild steel enclosure with mechanical impact protection
- + Panel mounted indication, operation and function testing

Product Detail

- ABB T4V 250 1150v 20kA C/B with U/V, auxiliary contacts and pad lockable handle
- S&S CA6-210E1 110VAC 132kW contactor
- CEF1-12 overload electronic 20-180A 110VAC
- Ampcontrol PF1 integrated protection relay - a variation is available using the Ampcontrol IPM relay
- 1kV/110VAC 500VA Control VT
- Regulated power supply 110V-24V
- Ampcontrol's Outlet Test System (OTS)
- Estop
- 150A receptacle
- Remote CEF1 indicator and reset panel mount
- Enclosure: 800mm x 800mm x 300mm, mild steel powder coated enclosure with frame