

Chock Controller

Chock Controller addresses a need in the market place for a modern chock controller for underground coal mining that is well featured and well supported. The Chock Controller is a paradigm shift based on distributed control architecture in comparison to traditional chock controllers, which are based on master-slave architecture. Information about all controllers in the network is available to all other controllers, eliminating the need to go to a “master” controller to find out information about a particular controller.



Features

Intrinsically safe (Ex ia, ib, m)

High speed redundant network ports

Data port for comms with handheld

Data port for comms with shearer

Integrated voice communication

Graphical user interface

Remote I/O Field Bus

Integrated UPS (Ex ia)

Real time productivity and performance data

Certification (pending) to AS/NZ60079

Benefit

Less maintenance downtime

Shorter face setup times

Friendly user interface

Improved safety

Expansion ready

Typical 7.3 % productivity improvement on 2.5 Mtpa base

Specification

CPU	80x86 300 Mhz Processor
Motherboard	Proprietary, Low power
Memory	64 MB ECC-SDRAM
Display	Integrated Graphics
Keyboard	IP65 (NEMA 4) keyboard with integrated mouse
OS	Real-time OS

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