

1000V Distribution Control Board (DCB)

Ampcontrol designs and manufactures a range of 1000V DCBs to suit mining applications such as underground development systems.

Ampcontrol's 1000V DCB product range includes up to 12 outlets and can be offered in either flameproof or IP rated enclosures, built to customer specifications.

The current range includes both explosion proof and Ingress Protected (up to IP66) enclosures with up to 12 outlets for 1000V power distribution.

Each DCB is customised to meet specific mine site communication requirements and can include PLC based control systems, HMI interface capabilities and SCADA packages. Customer required functionality including fan interlocking and safety rated (SIL) isolation and earthing systems can be incorporated into the control and HMI systems to ensure safe and reliable operation from behind closed doors.

The 1000V power distribution outlets are provided with protection by our integrated protection relays. This ensures the DCB generally meets the electrical protection requirements of AS4871.2012.

Each DCB upon completion follows through a process of Factory Acceptance Testing, Compatibility Testing (where necessary) and Commissioning to ensure operational status on delivery. Manuals and drawings are provided and options are available for ongoing support for each product including lifecycle management.

Features

- + Explosion proof or IP rated
- + Compliant to all Australian and state legislative requirements
- + Up to 12 outlets
- + Skid and wheel mounting options
- + Additional mechanical protection available
- + All outlets can be the same configuration, making all outlets universal
- + Ampcontrol outlets provided with machine recognition
- + Communication options including fibre optic/ethernet connectivity

