



## GATE END PANELS

Automation Group's Baker Switchboards division has been manufacturing premium switchboards for over 60 years. Baker Switchboards prides itself on being a quality certified and trustworthy supplier, providing switchboards to the Mining, Energy and Water sectors as well as industrial and commercial construction industries across Australia.

### PRODUCT HIGHLIGHTS

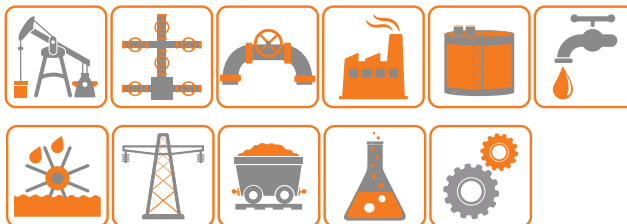
- IP65 Stainless Steel Enclosure 2mm
- SIL2 Safety, Emergency Stop Protection
- Earth Leakage protection, Earth Continuity, Earth Fault lockout, Frozen Contact Protection
- ELV Control Circuit

### FEATURES

- Total mechanical segregation between ELV & LV power supplies
- Live Line Indicators
- Analogue meters and indicators for referencing motor current, voltage
- Protection relays AS/NSZ 2081 compliant
- Sprecher Schuh safety contactors and PILZ relay for compliance with SIL2
- Plug for receptacle connection to plant/equipment
- Allowance for future fan, pump protection and control fibre/ comms/PLC components

### APPLICATION

Power protection and control of 1000V electric loaders/jumbos in mining



# TECHNICAL SPECIFICATIONS

## GENERAL

Supply	1000VAC
Control	24V AC/DC
Current	250A Continuous Current Carrying Capacity
Emergency Stop Circuit	SIL2 Rated

## CERTIFICATIONS AND COMPLIANCE

AS/NZS3000:2007	Wiring rules electrical installations
AS/NZ3439.1	Low voltage Switchgear and control gear assemblies
AS/NZS 3007	Electrical installations-Surface Mine and Associated Processing Plant
AS/NZS 2081	Electrical Protection Devices for Mines and Quarries
AS/NZS 4871	Electrical Equipment for mines and quarries

## MECHANICAL SPECIFICATIONS

Dimensions	1800 x 1500 x 400mm
Weight	350kg
Mounting	Floor Mounted
Material	Stainless Steel 2mm

Other variations of this product available upon request



## QUALITY, SAFETY & INDUSTRY STANDARDS

Baker Switchboards is committed to quality, safety and adhering to the highest industry standards. As part of our commitment we ensure that our systems meet or exceed the ISO 9001 and AS 4801 industry standards. These are externally audited by SGS Australia to ensure our systems are in accordance with the standards.



### Automation Group

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