



AZTEC IGBT LOCO CONTROLLER

ADVANCED TECHNOLOGY AT AN AFFORDABLE PRICE

www.aztecelectronics.co.za

Aztec Electronics manufactures single and dual IGBT loco controllers. These controllers are specifically designed to meet the high demands of underground mining applications. Their rugged construction, high functionality and integrated safety and protection features offer the user a high quality product at an affordable price.

FEATURES

- Acceleration delay slip avoidance
- Fully integrated electronic tachometer
- Fault condition indicators
- Handle test facility
- Modular components
- Neutral braking
- Plug braking
- Rugged opto switches for speed control
- Silent stepless operation
- Speed and battery condition indicators
- User programmable (programmer optional)



Single and dual controllers
(Manufactured to SABS 1809-2003)

Operating voltage	75-140V DC
Current limit	500A
Braking current limit	500A

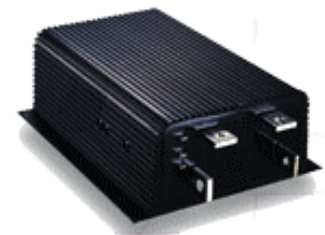
SAFETY AND PROTECTION

- Continuous driver detection
- Current limit
- Earth leakage monitor
- Emergency braking
- Fail safe
- Neutral detection
- Over voltage protection
- Overspeed protection
- Reverse polarity protection
- Spike suppression coils
- Stalled motor protection
- Thermal protection
- Under voltage protection
- Wheel slip protection

Aztec Electronics has been supplying electronic equipment to the mining industry for the past 27 years. The new IGBT loco controller from Aztec is the safest, most reliable controller available on the market today and is backed up by Aztec's fully equipped workshop and test facility.



Electronic display panel



Rugged logic unit

SUPPLIED & SERVICED BY:

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Digital Instrumentation



High quality contactors



Digital Programmer

*Specifications are subject to change without prior notice