

Welcome to our first newsletter for 2010.

2010 promises to be a great year for the mining sector with confidence in the economy returning and Australia estimated to be the world's third largest producer of commodities.

Australia's mineral industry acts as an important catalyst to the economic growth of the country accounting for nearly 60% of Australia's export earnings.



Source: Mbendi - Information Services

Communication Equipment that gets heard!

The PSW400Amp combined - provides attention grabbing, loud audible and highly visible PSW alarms, along with convenient broadcast voice comms from anywhere a PSW400Amp module is located along the length of a conveyor.

Features:

- Dual 106db piezo sounders and dual high intensity LED flashers, allowing longer distances between PSW stations,
- 12V NiMH Battery or Bramco Ultracapacitor array powered,
- Isolated 16 – 48VDC input range powered from the ICMS or isolated separate PSW power supply,
- Interfaces with ICMS A00980 Multinode for PSW control and monitoring,
- MiniAmp 4 button audio module, broadcast voice comms module,
- System Status broadcast when used with Master MiniAmp.
- AS1755 compliant.



A01257 - PSW400 Amp Combined

Need protection on the latest VVVF drives?

As part of Bramco's exciting new b3 series the eI3 represents next generation earth fault current monitoring and protection.

The eI3 is designed to the latest statutory requirements and industry standards and represents the culmination of over two years development by Bramco's R&D team.

Compact in design, with intelligent micro-processor control, the eI3 protection relay is suitable for AC or DC control power applications and to suit a wide number of VSD circuits.



Unlimited current monitoring and time ranges are available. Please contact Bramco and discuss the best model for your needs and to suit your application.

Distribution Partner - Becker SMC

Bramco is proud and excited to have a strong association with Becker SMC. This partnership has allowed Becker SMC Electricians to implement the appropriate strategies and competencies to provide to the top 10 highest production mines in the United States. Through a combination of expertise and abilities matched with our products, we can help you meet your objectives too.

SMC's innovative products include, Longwall Equipment, Surface and Dragline Mine Electrical Equipment, Underground Mine Electrical Equipment, Cable Reels and Mining Components.

www.smcelectrical.com

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SMC

Mt. Isa Mining Expo.

Bramco will be partnering with one of our key distributors, CIE, for the 2010 Mt. Isa Mining Expo held April 13-15, Tues 10am-6pm, Wed 11am-8pm, Thurs 10am-3pm. Showcasing our latest in Conveyor Control Solutions including the BK400D, dual shaft lanyard pullkey and a complete Pre Start Warning system.

The Next Generation b3 range will also be on show including Earth Leakage Relays - eI3 and eI3, Earth Continuity Relay ic3, a brand new toroid range, 1100V Isolation Barrier - bar3, Module Remote Interface - mri3 and many more.

Call in and say 'Hello' we'll be in booth 45 and we'd love to have a chat and will be happy to walk you through our product range.

It's Not Just my Job, its my Calling!

Bramco Electronics are very fortunate to have some exceptional employees who have been with the company for an average of 20 years or more. We would like to take this opportunity to thank them for all their hard work and continued support.



Les Hollands



Carol Fisher



Gary Balcombe



Nat Chambers



Paul Bresch

Dedicated Design Team.

Our commitment to research and design is demonstrated in our ongoing product innovation and development. We have a proven history of continuous design advancement.

With a dedicated team of 8 engineers Bramco are continuously introducing upgrades to existing units and completely new designs, we are determined to maintain our focus as an industry leader. For this purpose close to 20% of turnover is returned back into our design division.

Advantages - Remote Isolation on Conveyors!

The ability to remotely Isolate Mains Power from the drive mechanisms on conveyors is now a common feature in our conveyor signal line systems.

In situations where an operator is located at the point of trip or damage, the conveyor can be completely isolated permitting the work to be effected immediately at the faulty location in total safety.

Previously operators had to travel to the drive station or stations, turn off the power and tag out the system. Then the operator travels back to the faulty location, repairs the equipment and when completed, travels back to the drive head or heads and restart the conveyor. This may include several people depending on the task.

With Remote Isolation the operator Isolates the power from the system at the fault point, tag out the system at the Isolate Trip Mechanism, complete the task and reset the power to the drive system or systems and restart the conveyor. The time saved is very significant particularly on long conveyors.



Remote Isolation on conveyors will, when introduced with diligent Risk Assessment, provide a fail safe feature which will save considerable costs and increase the availability of the conveyor. Electrically and Electronically Bramco Electronics Conveyor Systems will;

1. Cause the trip of all power to all drive mechanisms.
2. Ensure Electrical Power has been removed from all drive mechanisms.
3. Send a signal to the actual isolate location request point that complete power isolation of all drive mechanisms has occurred. Each Isolate Request is answered individually and only to that point of request.
4. Provide complete power Isolation of the conveyor until the Isolate request switch is reset.
5. Restart the conveyor from the Isolate request position when the repairs are complete.

Bramco Electronics for many years now has the Isolate function operating on surface and underground conveyor control systems. Our longest system currently operating is 21Kilometres in length.