

## DMS Products – Flame Proof Alternators



**Mining Repairs, established in the Illawarra region in New South Wales, specialises in underground diesel machinery lighting systems. Mining Repairs is an ISO 9000:2001 quality endorsed company with all staff suitably trained, tested and authorised to Mine Department and Australian Standards for the manufacture and repair of flameproof enclosures.**

### Facilities

Mining Repairs has in-house facilities for carrying out welding, machining and pressure testing on all alternators.

### Products

Our flameproof alternator has become the alternator of choice for mines across NSW, QLD and recently Asia and New Zealand. The Mining Repairs alternator is designed to comply with IEC International Certification.

Mining Repairs offers three versions of its alternator:

1. MR100 - Basic 12 or 24V regulated output with short circuit cut out.
2. MR110 - Lockout circuit protection (upgradable to remote reset)
3. MR111 - Full remote reset and lockout circuit protection

### Features and Developments

#### **DCBR**

Mining Repairs fulfill recent industry requirements by upgrading its alternator with the DCBR protection system. Features of this system include short circuit, over current, overvoltage and chassis fault protection. The DCBR system can be retro-fitted to existing Mining Repairs alternators. The DCBR system has no moving parts such as relays and therefore is less susceptible to vibration and limits transient voltage spikes.

#### **Remote Reset**

The MR110 and MR111 now have the ability to be reset via infrared remote control which includes data logging for up to 10 alternators at your site and using the DCBR Prog3 software have the ability to download and analyse your data on PC.



#### **Alternator – MR161**

The Infra-red remote reset unit (MR161) allows the operator to reset the alternator without the need to remove the rear cover of the alternator. This can be used in conjunction with the DCBR Prog3 Windows application software to store data and create reports for maintenance schedules.

#### **Split Drive System**

All new and overhauled Mining Repairs alternators are supplied with the split drive coupling/pulley system. This allows the end user to interchange drive types without interrupting flame paths.

They are available in the following drive types:

- UC/DC | Dual A | Single A | Single B | Reynold

*Contact Us*

#### **Mining Repairs**

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