

240 VOLT INTEGRATED UMBILICAL BARRIER SYSTEM

The **Control Master®** 240 Volt Integrated Umbilical Barrier system has been designed for underground remote mining applications. Remote mining areas with multiple entries need to be guarded from mine personnel and machines entering the area, as well as the remote machine exiting the area. **Control Master®** Barriers use class two lasers to maintain a safe perimeter around the remote zone.

The integrated barrier transmitter receives signals from up to four (4) barrier eye modules. When correctly aligned and clear from obstruction, the LED light on top of the barrier eye modules will come on, then the system can be set by pushing the reset button. All barrier LED's should change from red to green. Once set, power is supplied to the remote control transmitter allowing normal remote operation.

If a beam is broken, power is removed from the remote control transmitter causing the machine to halt, brakes are applied and the engine is shutdown. The barrier that has been broken will be indicated at the integrated barrier transmitter, which will change the LED from green to red. Remote operation can only be resumed when all barriers are clear and the system has been reset.



Full Kit

Part No. 6346 240V integrated umbilical barrier system

Components included in kit

| | |
|----------------------|---------------------------------|
| Part No. 9244 | Barrier eye module |
| Part No. 9265 | Barrier eye mount |
| Part No. 4097 | Reflector |
| Part No. 5642 | Barrier transmitter |
| Part No. 1251 | Barrier eye reset multi voltage |
| Part No. 8017 | Bracket to suit reset unit |
| Part No. 9414 | Power supply |

FEATURES & BENEFITS

- Easy to install
- Robust components
- Provides a safe working area
- Reduces the risk of operator injury
- Prevents unsafe work practices

This barrier system operates using umbilical wiring and is capable of guarding four (4) entry/exit points.

Additional laser barrier kit also available. Part No. 3564

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