Technical Datasheet

Intelligent Junction Box
Model JBI-2

Features

- The JBI-2 facilitates the interconnection of up to four blasting network cables.
- The cable network status indication is provided when used in conjunction with the Centralized Blasting Controller Model CBC-2.
- Integrated LED for cable status monitoring.
- The JBI-2 continuously indicates the state of the Centralized Blasting System cable network.

Operation

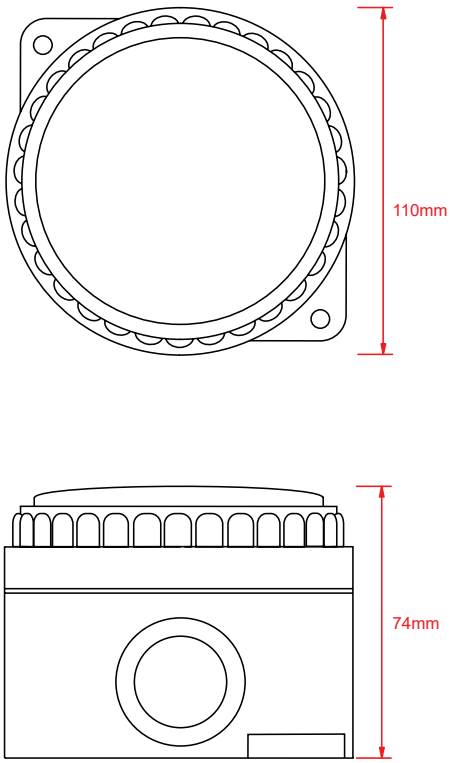
- Up to four cables can be inter-connected via the Junction Box in parallel.
- Cable entry is via 20mm No.01 or No.02 glands.
- Blanking plugs are provided for unused cable entries.

Notice and Maintenance

- All service work must be performed by authorised AEC Electronics personnel only.
- Not approved for use in fiery mines.

Specifications

Unit Dimensions



Function	Facilitates parallel connection of up to four blasting network cables with status indication when used in conjunction with Centralized Blasting Controller Model CBC-2.
Supply Light	FLASHES at 1s intervals in cable monitoring mode if the supply cable network is in working order. OFF if there is an open circuit fault in an upstream supply cable network or short circuit at any point on the Centralized Blasting System cable network. ON when firing takes place.
Supply Voltage	30-60V_{DC} in cable monitoring mode. Modified 160-250V_{AC} in firing mode.
Cable Entry	Up to four 20mm No.1 or No.2 glands. Unused entries sealed with removable plugs.
Enclosure	Glass re-inforced polyester compound, IP68 rated.
Lid	Transparent polycarbonate.
Unit Dimensions	Outside Diameter: 110mm. Height: 74mm.
Unit Mass	0.53kg.

Warning and Disclaimer

The information and recommendations in this document are provided for reference purposes only and should not be construed as advice to cover every application of the product or variation of conditions under which the product may be used.

AEC Electronics (Pty) Ltd P.O.Box 958, Kempton Park, 1620, South Africa
Tel: +27 11 975-1643 Fax: +27 11 975-1680
Email: sales@aece.co.za http://www.aece.co.za