



### Features

- The LI-2 Dual Level Isolator is designed for the Electric Centralized Blasting System, based on the Centralized Blasting Controller Model CBC-2 and either the Blasting Boosters Model 571C-2 or the Magnastart® Boosters Model 212C-2.
- The LI-2 is typically located at each station or section and allows isolation of two levels or sections from the shaft supply cable.
- The LI-2 is supplied in a sealed, lockable enclosure with a polycarbonate window to allow full view of the LI-2.
- The LI-2 continuously indicates the state of the Centralized Blasting System network.

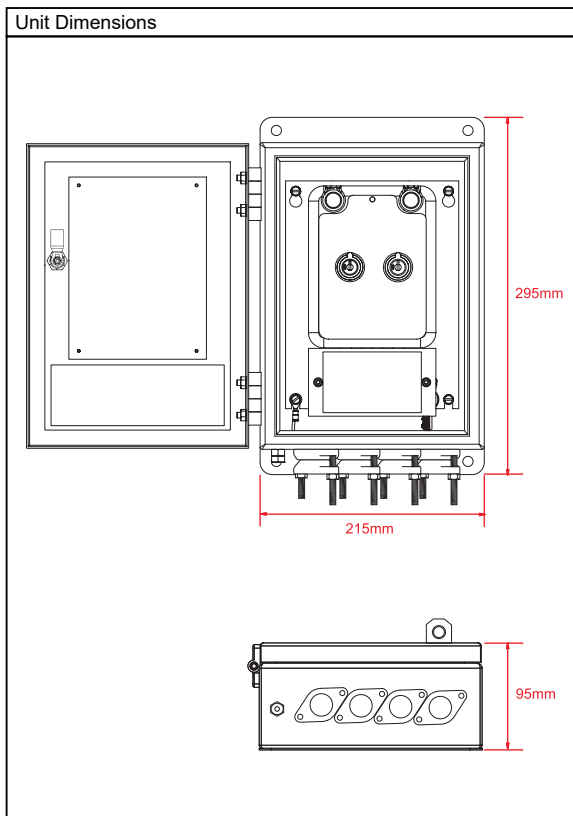
### Operation

- The LI-2 joins the inter-level shaft supply cables, which are normally interconnected to the outgoing cable, supplying all the Boosters in each of the two levels or sections.
- There are two level isolator key switches which permit isolation of outgoing level supply cables. This enables rapid location of short circuit faults.
- If either key switch is switched in ISOLATED mode, the corresponding cable is connected to the TEST terminals, permitting testing of the cable for short circuit or earth leakage faults.
- WARNING: Do not turn both key switches to the ISOLATED position at the same time as this will connect the two levels in parallel which could complicate fault finding.

### Notice and Maintenance

- All service work must be performed by authorised AEC Electronics personnel only.

### Specifications



IA Certificate Number	E-XPS/11191.
Supply Voltage	30-60V <sub>DC</sub> in cable monitoring mode and 160-250V <sub>AC</sub> in firing mode.
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 CBS cable network. ON when firing takes place.
Level Isolator	The ON position connects the level supply cable to the Control Unit. The ISOLATED position isolates the level supply cable from the Control Unit and connects the level supply cable to the test terminals for examination.
Construction	Encapsulated circuitry in an IP65, sealed, plastic enclosure which is housed in a sealed, lockable, steel cabinet with a polycarbonate window allowing full view of the LI-2.
Unit Dimensions	Plastic enclosure: 163mm x 125mm x 66mm. Steel enclosure: 295mm x 215mm x 95mm.
Unit Mass	5.6kg.
Temperature Range	-5°C to 45°C.

#### 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.