Technical Datasheet

Blasting Control Unit
Model BCU-2

Features

- The BCU-2 is suitable for controlled firing of Blasting Boosters Model 212C, 212C-2, 571C and/or 571C-2.
- The BCU-2 contains an incoming mains indicator, fuse, push button, key operated switch and blasting signal indicator.
- The BCU-2 is supplied in a sealed, lockable enclosure with a polycarbonate window to allow full view of the BCU-2.
- The steel cabinet cannot be closed when the FIRING key is in place.
- When the FIRING key is switched to the READY position, a warning siren will sound to indicate that firing can start. (Optional).
- The blasting signal is supplied for 60 seconds.

Operation

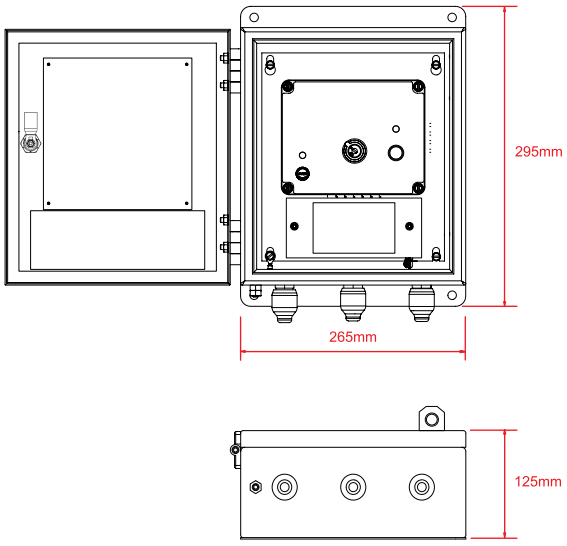
- Turn the FIRING key switch to the READY position.
- The output signal (Terminals 6 and 7) is supplied to the Boosters when the FIRE button is pressed. Allow time for the siren to sound prior to pressing the FIRE button to initiate firing.
- Once the FIRE button is pressed, the FIRING switch should be left in the READY position until the FIRE light switches off, after 60 seconds, to ensure reliable firing of the Boosters.

Notice and Maintenance

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

Specifications

Unit Dimensions



IA Certificate Number	E-XPS/11191.
Function	Controlled firing of Blasting Boosters Model 212C, 212C-2, 571C and 571C-2.
Mains Light	Indicates mains power is connected to the unit.
Firing Light	Lights up for 60 seconds during the blasting period.
Fuse	10A.
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 BCU-2.
Unit Dimensions	Plastic enclosure: 170mm x 135mm x 85mm. Steel enclosure: 295mm x 265mm x 125mm.
Unit Mass	7.5kg.
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.

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