DESCRIPTION

E★Star Electronic Detonators have been developed to provide the extreme precision necessary to produce compliant and consistent blasting results in the mining, quarrying and construction industries. The E★Star Detonators are programmed using the dedicated DLG 1600-1-N Logger in 1-millisecond increments from one (1) millisecond up to ten (10) seconds. Accuracy = 0.005% @ 1,000 ms

BENEFITS

- North American Technology, Support and Manufacturing
- Advanced Pre-Fire Diagnostics Coupled to Proprietary Communication Protocol
- Up to 1600 E★Star detonators may be connected in parallel to a 2km 2-wire single bus line (5km bus when branched)
- Patented “Industry Unique” Lead Free Ignition Element
- Very Rugged Factory Installed Bus Line Connector – No Tools Required!
- Extremely Flexible, User Friendly and Easily Customized

E★Star Detonators contain a capacitor, a logic and timing circuit and explosives. When the internal capacitor is charged by the DBM 1600-2KN Digital Blasting Machine, the capacitor provides the necessary energy to initiate the “Ignition Module” and subsequently detonate the Austin Star Detonator 750mg base charge.

The use of this system requires specific training in all components. This training is in addition to the normal, required training that all blasters and blasting personnel have received. Only equipment specifically designed for use with Austin Powder E★Star/ Electro★Star Detonators is permitted. An “operators” manual is to be available at all times when using this equipment.
Temperature Specifications for Dan-Mar manufactured Blasting Machine and Logger units:

Operating (use): -20C to 50C, -4F to 122F
Storage, long term: -20C to 35C, -4F to 95F

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Warning: The DBM 1600 Series Digital Blasting Machine is designed for use only with E★Star detonators. Do Not attempt to use this blasting machine with any other detonator. The misuse of this blasting machine with standard electric detonators may result in instantaneous detonator initiation.

Outer box dimensions 18.12 x 11.25 x 8.87 inches

For more information and service locations in your area, please contact Austin Powder Company’s headquarters:

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Cleveland, Ohio, USA 44122

Phone: 1-800-321-0752
Fax: 1-216-464-4418
Web: www.austinpowder.com
Email: info@austinpowder.com

STORAGE
Store in accordance with all applicable local, state, provincial and federal laws.

SHELF LIFE
For optimum accuracy, use within five years from date of manufacture under good storage conditions.

UN CLASSIFICATION
Shipping Name: Detonators, Electric
Class & Division: 1.4B
ID Number: UN 0255

DOT REFERENCE NUMBER
EX-0103067

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