

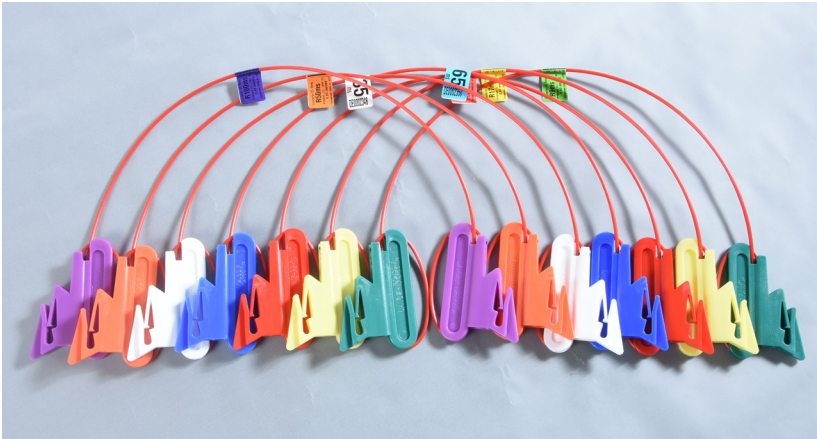


# PRODUCT INFORMATION

## BROCHURE

1.1B

# SHOCK★STAR DC RELAY



**Shock★Star DC Relay** detonators are designed to provide accurate delay timing between the individual rows of blast holes using detonating cord as a primary initiation system. They can be used for developing various delay patterns.

DC Relay consists of a 60 cm Shock Tube, two detonators and two plastic blocks. The detonators are attached to each end of the Shock Tube and are inserted into plastic connector blocks. The connector blocks are specially designed for fast and easy detonating cord connections.

## PRODUCT OVERVIEW

### PROPERTIES

Delay sequence							
Nominal delay (ms)	9	17	25	35	50	65	100

### BENEFITS

- 400 mg base charge to ensure reliable initiation of 5 g/m detonating cord.
- Connector blocks color coded to the delay time of the detonators.
- Bidirectional use.

## STANDARD TECHNICAL DESCRIPTION

Detonator	
Detonator shell material	Aluminum
Base charge	400 mg
Water pressure resistance	0.3 MPa / 7 days
Label Marking	Delay #, Detonator type, Delay ms, ST length, barcode and batch code (traceability), Emergency number, Product registration number (ANMaC)
Shock Tube	
Velocity of detonation	2,000 ± 100 m/s
Color	Red

## STANDARD PACKAGING

Box dimensions	Quantity
533 mm x 271 mm x 277 mm	150 units/box

## USE

- Open pit mining
- Underground mining
- Quarries
- Civil projects

## SHELF LIFE, STORAGE & DISPOSAL

- Shelf life is two years from the date of manufacture under suitable storage conditions.
- Recommended conditions: -30°C to +40°C, Relative Humidity max. 65%, in original package.
- Shock★Star DC relay must be stored in magazines for detonators. Detonators cannot be store in the same magazines as high explosives (packaged emulsions, booster, etc.) and blasting agents (ANFO). These magazines must accomplish the current legal requirements.
- Disposal: According to local regulations. If in doubt consult with the supplier.

Contact your local Austin Powder representative for further information.

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## TRANSPORT – UN CLASSIFICATION

Shipping Name: DETONATOR ASSEMBLIES, NON-ELECTRIC  
 Class & Division: 1.1B  
 ID Number: UN 0360



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