Shock★Star DC Relay

PRODUCT INFORMATION BROCHURE



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 45 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.

BENEFITS

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

PROPERTIES

Delay sequence

Nominal delay (ms)	9	17	25	35	50	65	100	200

AUSTIN POWDER

Austin Detonator s.r.o., Jasenice 712, 755 01 Vsetín, Czech Republic
Phone: +420 571 404 001 | Fax: +420 571 404 002 | Email: marketing.info@austin.cz | austin.cz

Shock★Star DC Relay

PRODUCT INFORMATION BROCHURE

STANDARD TECHNICAL DESCRIPTION

Detonator	
Detonator shell material	Aluminum
Base charge	400 mg
Water pressure resistance	0.3 MPa / 7 days
Shelf life (storage conditions)	2 years (-30 °C to +40 °C, R.H. max. 65%) in original, sealed package
Label marking	Delay #, Detonator type, Delay ms, ST length, Data matrix code (traceability)
Shock Tube	
Velocity of detonation	2,000 ± 100 m/s
Color	Red

STANDARD PACKAGING DETAILS

Shock tube length (m)	Packaging 1.4B UN 0361		
	Units / Bag	No. of Bags	Units / Box
0.45	10	6	60

Shock*Star DC Relay detonators are packaged in cardboard carton of outer dimension 390x235x295 mm.

Contact your local Austin Powder representative for further information.

Disclaimer of Warranties and Limitations of Liabilities

Any information contained herein is based on the manufacturer's standard procedures in use at the time of publication. Any specifications, test values and other data is solely preliminary information and not guaranteed. Actual results may differ during field use. Neither manufacturer nor seller will be responsible whatsoever for any losses or damages resulting from the use or reliance upon any information set forth herein.

It is solely the responsibility of the product user to determine the safe conditions for use of the products referred to herein. Use of any products by a user is at the user's sole risk.

To the maximum extent permitted by law, manufacturer and seller specifically disclaim all warranties including implied warranties of merchantability or fitness for a particular purpose.

AUSTIN POWDER

Austin Detonator s.r.o., Jasenice 712, 755 01 Vsetín, Czech Republic
Phone: +420 571 404 001 | Fax: +420 571 404 002 | Email: marketing.info@austin.cz | austin.cz

01/2019