

# Shock★Star® Surface Connectors

PRODUCT INFORMATION BROCHURE

**Shock★Star Surface Connectors** include Quick-Relay Connectors and Surface Delay Connectors.

**Shock★Star Quick-Relay Connectors** are especially designed for the initiation of other shock tube detonators as a delay between holes or decks within a hole. Quick-Relay Connectors are equipped with connector blocks able to contain 8 outgoing shock tubes yet have a lowered base charge to reduce noise levels and shrapnel cut-off concerns. These detonators are available in 9 delays from instantaneous (0 ms) to 200 ms. **(Quick-Relay Connectors should never be used to attempt initiation of detonating cord).**

**Shock★Star Surface Delay Connectors** are powerful, versatile detonators designed for compatibility with both shock tube and detonating cord initiation systems. Connector blocks are able to hold up to 8 outgoing shock tubes or initiate 10 to 200 grain detonating cord. These detonators are available in 8 delays from instantaneous (0 ms) to 200 ms.

## ADVANTAGES

- Connector blocks color-coded to the delay time of the detonator.
- Equipped with a tear-proof delay tag that lists DSC, delay time and length of the detonator as well as being color coded to match the connector block.
- Manufactured with red shock tubing for easy differentiation from down-hole detonators when visually inspecting a connected blast pattern.



Quick-Relay Connector



Surface Delay Connector



**AUSTIN POWDER**

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# Shock★Star® Surface Connectors

## STANDARD TECHNICAL DESCRIPTION

Non-electric, millisecond delay detonators for inter-deck, inter-hole or inter-row connections

## STANDARD PACKAGING DETAILS

Quick Relay Connectors QRC & SDC				
Length		Coil Style	Quantity	NEQ Grams
(ft)	(m)			
12	3.7	Lariat	100	50
20	6.1	Lariat	100	50
30	9.2	Lariat	80	40
40	12.2	Lariat	60	30
50	15.3	Lariat	40	20
60	18.3	Lariat	40	20

Quick Relay Color Codes	
9 ms	Green
17 ms	Yellow
25 ms	Red
33 ms	Orange
42 ms	White
67 ms	Light Blue
100 ms	Purple
200 ms	Black

H-PAK Optional Packaging				
Length		Coil Style	Quantity	NEQ Grams
(ft)	(m)			
12	3.7	Lariat	15	7.5
20	6.1	Lariat	15	7.5
30	9.2	Lariat	10	5
40	12.2	Lariat	10	5
50	15.3	Lariat	10	5
60	18.3	Lariat	10	5

Quick Relay Connector Available Delays			
9 ms	17 ms	25 ms	33 ms
42 ms	67 ms	100 ms	200 ms
Surface Delay Available Delays			
9 ms	17 ms	25 ms	42 ms
67 ms	100 ms	200 ms	

## STORAGE

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

## SHELF LIFE

For optimum accuracy, use within one year from date of manufacture under good storage conditions.

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