

Time★Star® Detonators

Electric Long Period Delay Detonators

DESCRIPTION

Time ★ Star long period electric delay detonators provide sufficient time for rock movement necessary for successful blasting of trenches, sewers, tunnels, shafts, drifts, raises and surface blasting operations. Offered in 16 delays and instant, they are consistently accurate to prevent overlap, assure better fragmentation and reduce vibration. With a powerful base charge of over 750 mg and a heavy aluminum alloy shell, Time ★ Stars provide greater assurance of initiating detonator sensitive explosives under severe conditions.

BENEFITS

- 750 mg PETN base charge far exceeds the standard #8 strength detonator.
- Industries strongest aluminum shell reduces the possibility of water hammer effect.
- Anti-static PVC insulation for added protection from extraneous currents.
- Wide selection of delay intervals provide greater flexibility in blast design.



Properties & Packaging

Available Time★Star Delays									
Delay #	0	1	2	3	4	5	6	7	8
MS Time	Instant	500	1000	1500	2000	2500	3000	3500	4000
Delay #	9	10	11	12	13	14	15	16	
MS Time	4500	5000	5500	6000	6500	7000	7500	8000	

Time★Star Detonators

Time★Star Packaging & Resistance						
Length Case We		eight Case		Total	Wire	
[ft]	[m]	[lb]	[kg]	Count	[Ω]*	Configuration
20	6.3	11	5	80	1.77	Short Fold

^{*} Includes fusehead resistance of 0.9 +/- 0.1 Ω .

Time★Star Recommended Firing Current						
Circuit Type	Single Detonator	Single Series	Parallel Series	Parallel		
DC [Amps]	0.5	1.5	1.5	1.0-10.0/Detonator		
AC [Amps]	0.5	2.0	2.0	1.0-10.0/Detonator		



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

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STORAGE

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

SHELF LIFE

For optimum accuracy, use within three 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-2001030067

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