



Static★Star

AUSTIN POWDER

A TRADITION OF SAFETY, STRENGTH AND SERVICE.

*Electric Seismic Detonator for the
Geophysical Industry*

DESCRIPTION

The Static★Star detonator is specifically designed for the harsh conditions encountered in a modern 3-D seismic survey. The two part pressed fit sealing plug, combined with a newly designed adhesion compound, ensures protection from the environment of salt and brackish waters for extended periods of time. With the largest base charge in the industry, Static★Star electric detonators will initiate all detonator sensitive seismic explosives.



BENEFITS

- 900 mg RDX and/or PETN base charge far exceeds the standard #8 strength detonator.
- Designed for extended sleep time in salt / brackish water use.
- Consistent break time when firing with 3-10 amperes DC current.
- No fire current of 0.45 amperes for extra protection from electrostatic discharge.
- Two part sealing plug for protection from water.
- Resistant to temperature extremes from -40°F / -40°C to 150°F / 66°C.
- # 20 AWG, high abrasion resistant, Yellow HDPE insulated wire.
- Protected primary explosive charge.

Static★Star

Properties & Packaging

Length		Ohms Resistance (Ω)	Case Count	Case Weight		NEQ per Case (gr)	Wire Configuration
Ft	Mt			Lbs	Kg		
12	3.7	0.84	20	5.3	2.4	20	Figure 8
24	7.3	1.08	20	5.7	2.6	20	Figure 8
35	10.7	1.31	15	5.7	2.6	15	Figure 8
45	13.7	1.50	10	4.5	2.1	10	Figure 8
55	16.8	1.72	10	5.4	2.5	10	Figure 8
65	19.8	1.92	10	6.3	2.9	10	Figure 8
85	25.9	2.33	10	8.8	4.0	10	Spoiled
100	30.5	2.64	10	10.2	4.6	10	Spoiled
120	36.6	3.05	10	11.6	5.2	10	Spoiled
140	42.7	3.46	3	5.1	11.2	3	Spoiled
160	48.8	3.87	3	5.7	12.6	3	Spoiled
200	61.0	4.69	3	6.8	14.9	3	Spoiled

*Other lengths available upon request

Case Dimension: 11 1/4" x 7 5/8" x 5"
286mm x 194mm x 127mm

Electrical Data*	
No Fire Current	0.45 amps
All Fire Current	1.50 amps
Series Ignition Current	6.00 amps
No Fire Impulse	8 mJ/ohms
All Fire Impulse	16 mJ/ohms
Electrostatic Sensitivity	
Double Wire to Shell	20 kV/500 pF/100 mJ
Pin to Pin	10kV/500 pF/25mJ

*Meets or exceeds the IAGC and CAGC Recommended Product Testing Methods and Specifications for Conventional Bridge-wire type Electric Seismic Detonators for Use in Seismic Operations



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

Austin Powder Company
25800 Science Park Drive
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.

DOT REFERENCE NUMBER

EX-2014020188

UN CLASSIFICATION

Shipping Name: Detonators, Electric

Class & Division: 1.4B

ID Number: UN 0255

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