

# Static★Star

PRODUCT INFORMATION BROCHURE CANADA

The Static★Star detonator is specifically designed for the harsh conditions encountered in a modern 3-D seismic survey. The molded sealing plug ensures protection from the environment for extended periods. With the largest base charge in the industry, Static★Star electric detonators will initiate all detonator sensitive seismic explosives.



## ADVANTAGES

- Minimum 720 mg PETN base charge far exceeds the standard #8 strength detonator.
- Consistent break time when firing with 3-10 amperes DC current.
- No fire current of 0.45 amperes for extra protection from electrostatic discharge.
- Molded 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, Orange HDPE insulated wire.
- Protected primary explosive charge.

## STANDARD TECHNICAL DESCRIPTION

Electric seismic detonator for the geophysical industry



**AUSTIN POWDER**

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## PROPERTIES AND STANDARD PACKAGING DETAILS

Length Product		Ohmic resistance (Ω)**		Case Count	Case Weight		NEQ per Case (g)	Wire Configuration	Classification
Ft	m	Min	Max		Lbs	Kg			
13	4	0.7	1.1	20	3.3	1.5	20	Fast 8	1.1B
25	7.5	0.9	1.3	20	5.5	2.5	20	Fast 8	1.4B
33	10	1.1	1.5	15	5.3	2.4	15	Fast 8	1.4B
43	13	1.3	1.8	10	4.6	2.1	10	Fast 8	1.4B
53	16	1.5	2	10	5.7	2.6	10	Fast 8	1.4B
63	19	1.6	2.2	10	6.7	3.1	10	Fast 8	1.4B
73	22	1.8	2.5	8	6.4	2.9	8	Fast 8	1.4B

\*Other lengths available upon request

\*\* Resistance as measured at ambient temperature

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

Case Dimension:	11 1/4" x 7 5/8" x 5"
	286mmx x194mm x 127mm

### SHELF LIFE

For optimum accuracy, use within five years from date of manufacture under good storage conditions.

### TRANSPORTATION DATA

#### UN CLASSIFICATION

Shipping Name: Detonators, Electric

Class & Division: 1.1B or 1.4B

ID Number: UN 0030 or UN 0255

#### US DOT REFERENCE NUMBER

1.4B EX-2006030288

1.1B EX-2014020187

### STORAGE

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

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2/22/06 | 05/2022