



# PRODUCT INFORMATION

## BROCHURE

1.1B

1.4B

## STATIC★STAR™



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 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.

### PRODUCT OVERVIEW

#### TECHNICAL DESCRIPTION

Electric seismic detonator for the geophysical industry.

#### ADVANTAGES

- Minimum 720 mg 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 amps 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 or yellow HDPE insulated wire.
- Protected primary explosive charge.

## STANDARD PACKAGING

Length		Case Weight		Case count	NEQ per Case (g)	Wire Configuration
(ft)	(m)	(lbs)	(kg)			
13	4	3.3	1.5	20	20	Fast 8
24	7.3	5.7	2.6	20	20	Fast 8
25	7.5	5.5	2.5	20	20	Fast 8
33	10	5.3	2.4	15	15	Fast 8

<b>Case Dimensions</b>	11 1/4" x 7 5/8" x 5"
	286 mm x 194 mm x 127 mm

\*Other lengths available upon request.

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.

## SHELF LIFE, STORAGE & DISPOSAL

- For optimum accuracy, use within five years from date of manufacture under good storage conditions.
- Store in accordance with all applicable local, state, provincial and federal laws.
- Disposal of explosive materials can be hazardous. Methods of safe disposal of explosives may vary depending on the user's situation. Please contact an Austin Powder Technical Representative for information on safe practices.

## TRANSPORT - UN CLASSIFICATION

Shipping Name: Detonators, Electric

Class & Division	US DOT Reference Number	ID Number	Market	
1.1 B	EX-2014020187	UN 0030	DOMESTIC	CANADA
1.4 B	EX-2006030288	UN 0255	DOMESTIC	CANADA

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**Our Mission is to improve the world we live in through the safe and responsible use of explosives.**