

Seismic-S & Seismic★Star II

PRODUCT INFORMATION BROCHURE

Seismic detonators are specially designed to provide the precise control that is necessary to achieve accurate seismic records from individual shots or pattern shooting.

Austin Detonator guarantees reaction time of less than 1 ms between application of current (minimum 6 A for detonators connected in series) and firing of the detonator.

A high level of protection from electrostatic discharge and water pressure is provided.



BENEFITS

- 7.3 millimetre diameter copper shell resists corrosive environments such as salt and brackish waters.
- No fire energy of 8 mJ/Ω provides additional protection from stray electric currents.
- The antistatic sealing plug provides water resistance for extended sleep time.
- Resistant to temperature extremes from -30°C to + 80°C (Seismic★Star II).



AUSTIN POWDER

Austin Detonator s.r.o., Jasenice 712, 755 01 Vsetín, Czech Republic
Phone: +420 571 404 001 | Fax: +420 571 404 002 | Email: marketing.info@austin.cz | austin.cz

Seismic-S & Seismic★Star II

PRODUCT INFORMATION BROCHURE

FIRING PARAMETERS

Type	Class II
Fusehead resistance	0.44 – 0.64 Ω
No fire current	0.45 A
No fire energy	8 mJ/ Ω
All fire current	1.5 A (recommended 6 A)
All fire energy in series	16 mJ/ Ω

STANDARD TECHNICAL DESCRIPTION

Detonator standard shell material	Copper
Seismic-S configuration	2x Single 0.6 Cu PVC & antistatic rubber sealing plug
Seismic★Star II configuration	Duplex 0.6 Cu HDPE (on loop) or 0.8 Cu (on spool) HDPE & moulded antistatic rubber sealing plug
Delay interval	Less than 1 ms @ 6 A
Base charge	720 mg
Water pressure resistance	1 MPa / 6 months
Temperature range for application	-30°C < T < +60°C (Seismic★Star II -30°C < T < +80°C)
Shelf life (storage conditions)	2 years (-30 °C to 40 °C)
Label marking	Delay #, Detonator type, Delay ms, Wire length, Data matrix code (traceability)
Notified body	CE 0589

STANDARD PACKAGING DETAILS

Wire length (m) *	Packaging 1.4S UN 0456	
	Seismic-S	Seismic★Star II
12 / 15 / 20 / 25 / 30	60	60 (40 pcs with 30 m wire length)
40	40	40

Seismic detonators are packaged in cardboard box of outer dimension 425x305x250 mm.

Other wire lengths are possible on demand.

*) delivered on spools

Contact your local Austin Powder representative for further information.

Disclaimer of Warranties and Limitations of Liabilities

Any information contained herein is based on the manufacturer's standard procedures in use at the time of publication. Any specifications, test values and other data is solely preliminary information and not guaranteed. Actual results may differ during field use. Neither manufacturer nor seller will be responsible whatsoever for any losses or damages resulting from the use or reliance upon any information set forth herein.

It is solely the responsibility of the product user to determine the safe conditions for use of the products referred to herein. Use of any products by a user is at the user's sole risk.

To the maximum extent permitted by law, manufacturer and seller specifically disclaim all warranties including implied warranties of merchantability or fitness for a particular purpose.



AUSTIN POWDER

Austin Detonator s.r.o., Jasenice 712, 755 01 Vsetín, Czech Republic
Phone: +420 571 404 001 | Fax: +420 571 404 002 | Email: marketing.info@austin.cz | austin.cz

03/2020

