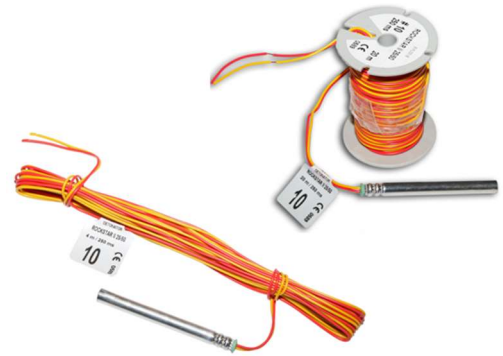


Rock★Star 25/50

PRODUCT INFORMATION BROCHURE

Rock★Star 25/50 electric millisecond detonators are designed to provide the precise control necessary to produce accurate and consistent blasting results in a variety of blasting applications in the mining, quarrying and construction industries.



BENEFITS

- High initiation strength – 720 mg base charge ensures reliable initiation of all cap sensitive explosives.
- High impact protection.
- Wide selection of delay intervals provides greater flexibility in blast design.
- Antistatic insulation for added protection from stray currents.
- Strong shell reduces the possibility of water hammer effect.

PROPERTIES

Delay sequence

Delay #	0	1	2	3	4	5	6	7	8	9	10
Nominal delay (ms)	0	25	50	75	100	125	150	175	200	225	250
Delay #	11	12	13	14	15	16	17	18	19	20	21
Nominal delay (ms)	275	300	325	350	375	400	425	450	475	500	550
Delay #	22	23	24	25	26	27	28	29	30	X	X
Nominal delay (ms)	600	650	700	750	800	850	900	950	1,000	X	X

FIRING PARAMETERS

Type	Class I	Class II	Class III	Class IV
Fusehead resistance	1.50 - 1.90 Ω	0.44 – 0.64 Ω	0.16 – 0.20 Ω	0.032 – 0.040 Ω
No fire current	0.18 A	0.45 A	1.2 A	4 A
No fire energy	0.8 mJ/Ω	8 mJ/Ω	80 mJ/Ω	1,100 mJ/Ω
All fire current	1 A	1.5 A	3.5 A	25 A
All fire energy in series	2.5 mJ/Ω	16 mJ/Ω	140 mJ/Ω	2,500 mJ/Ω

In case of use of electric detonators in applications with a risk of initiation from stray currents, the appropriate detonator sensitivity must be chosen.



AUSTIN POWDER

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Rock★Star 25/50

PRODUCT INFORMATION BROCHURE

STANDARD TECHNICAL DESCRIPTION

Detonator standard shell material	Aluminum
Base charge	720 mg
Water pressure resistance	0.3 MPa / 24 hours
Temperature range for application	-30 °C < T < +60 °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
Alternative names	instantaneous detonators: 0-N, 0-S, 0-V, 0-U, 0-HU ms detonators: DEM-N, DEM-S, DEM-V, DEM-U, DEM-HU

STANDARD PACKAGING DETAILS

Wire length (m)	Packaging 1.4B UN 0255		Packaging 1.4S UN 0456	
	Cu ø 0,5 mm	Cu ø 0,6 mm Fe ø 0,65 mm	Cu ø 0,5 mm	Cu ø 0,6 mm Fe ø 0,65 mm
2 / 3	500		175	
4	400	350	150	
5	300		150	
10	X		150*)	
15	X		60 (spooled)	
22 / 25 / 30	X		60 (spooled)	

Rock★Star 25/50 detonators are packaged in cardboard box of outer dimension 425x305x250 mm. Other wire lengths are possible on demand.

*) can be 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.

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