



Standard Technical Description

High Energy Millisecond Delay Electric Detonator

Name	ROCKSTAR	
Type	ROCKSTAR III	
Detonator shell material	Aluminum	
Delay interval	25/50 ms	
Number of delay intervals	1-20 (25 ms delay interval); 21-30 (50 ms delay interval)	
Secondary charge	720 mg PETN	
Primary charge	dextrinated lead azide (*)	
Producer's mark (shell bottom)	V	
Crimping	triple crimp	
Plug	antistatic PVC	
Leg wires material	Copper / Iron	
Leg wires diameter	0,6 / 0,65 mm	
Leg wires insulation material	PVC	
Leg wires length	at customer's request, looped	
Delay tag marking	detonator type (short title), delay #	
Electrostatic resistivity (for detonator with leg wires 3,5 m)	bridge wire, 1 leading wire/det. shell 2 leading wires/det. shell	8 kV/2000 pF (Cu Ø 0,6, Fe Ø 0,65 mm) 15 kV/2000 pF (Fe Ø 0,65 mm)
Bridge Wire Resistance	0,016-0,02 Ω	
No-Fire Current (NFC)	1,2 A/5 min	
All-Fire Current - serial connection (AFC)	3,5 A	
No-Fire Impuls (NFI)	80 mJ/Ω	
All-Fire Impuls - serial connection (AFI)	140 mJ/Ω	
Water pressure resistivity	0,3 Mpa/24 hours	
Temperature range for application	-30 °C < T < +60 °C	
Shelf live (storage conditions)	2 years (-30 °C to 40 °C)	
Hazard division	1.4	1.4
Compatibility group	B	S
Transport Classification	1.4B	1.4S
UN No.	0255	0456
Official authority #	CE mark (Radvanice, CZE)	CE 1019-012/V/2005
Alternative product name - identification	DEM-S 1,2 25/50	

(*) protected primary explosive charge


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