



## Standard Technical Description

## Insensitve Instantaneous Electric Detonator

Name	<b>ROCKSTAR II 0 ms</b>	
Type	<b>0-S</b>	
Detonator shell material	Aluminum	
Delay interval	-	
Number of delay intervals	1	
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 or Iron	
Leg wires diameter	0,5, 0,6 or 0,8 mm	
Leg wires insulation material	PVC	
Leg wires lenght	at customer's request, looped or spooled	
Delay tag marking	detonator type (short title), delay #	
Electrostatic resistivity (for detonator with leg wires 3,5 m)	bridge wire and 1 leg wire/det. shell	5 kV/2000 pF (Cu Ø 0,5; Ø 0,6 mm)
		10 kV/2000 pF (Fe Ø 0,6 mm)
	2 leading wires/det. shell	9 kV (Cu Ø 0,5); 8 kV (Cu Ø 0,6)/2000 pF
		15 kV/2500 pF (Fe Ø 0,6 mm)
Bridge Wire Resistance	0,52-0,60 Ω	
No-Fire Current (NFC)	0,45 A/5 min	
All-Fire Curent - serial connection (AFC)	≥2,12 A/4 ms	
No-Fire Impuls (NFI)	8 mJ/Ω	
All-Fire Impuls - serial connection (AFI)	18 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 (0 °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 #	<b>CZ (granted by VVUU)</b>	<b>214-038/V/2003</b>
	<b>CE mark (gr. by BAM)</b>	<b>CE 0589, EXP. 2339/99</b>
Alternative product name - identification	<b>O-U; Z/AI/0/EPX-U</b>	

(\*) protected primary explosive charge





## Standard Technical Description

## Insensitive Millisecond Delay Electric Detonator

Name	<b>ROCKSTAR II 25/50 ms</b>	
Type	<b>DEM-S</b>	
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 or Iron	
Leg wires diameter	0,5, 0,6 or 0,8 mm	
Leg wires insulation material	PVC	
Leg wires length	at customer's request, looped or spooled	
Delay tag marking	detonator type (short title), delay #	
Electrostatic resistivity (for detonator with leg wires 3,5 m)	bridge wire and 1 leg wire/det. shell	5 kV/2000 pF (Cu Ø 0,5; Ø 0,6 mm)
		10 kV/2000 pF (Fe Ø 0,6 mm)
	2 leading wires/det. shell	9 kV (Cu Ø 0,5); 8 kV (Cu Ø 0,6)/2000 pF
		15 kV/2500 pF (Fe Ø 0,6 mm)
Bridge Wire Resistance	0,52-0,60 Ω	
No-Fire Current (NFC)	0,45 A/5 min	
All-Fire Current - serial connection (AFC)	≥2,12 A/4 ms	
No-Fire Impuls (NFI)	8 mJ/Ω	
All-Fire Impuls - serial connection (AFI)	18 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 (0 °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 #	<b>CZ (granted by VVUU)</b>	<b>214-182/V/2002</b>
	<b>CE mark (gr. by BAM)</b>	<b>CE 0589, EXP. 2335/99</b>
Alternative product name - identification	<b>DEM-U; Z/AI/25,50/EPX-U</b>	

(\*) protected primary explosive charge


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