

DATA SHEET

ELECTRIC ROCK DETONATORS

PROPERTIES:

Parameters	NITRODET 0,2A	NITRODET LP 0,2A (1-10)	NITRODET 0,45A	NITRODET VA 1,2A 25 ms (1-18)
Type	instant	half- second	instant	milisecond
Actuation time or interstage delay	max.10 ms	500 ms	max.10 ms	25 ms
Delays stages	not applicable	from 1 to 10	not applicable	from 1 to 18
Cartridge	aluminium			
Secondary charge	Pentaerythritol tetranitrate			
Wires	ateel or copper	steel or copper	steel or copper	steel or brass
Wires length [m]	2 or multiples of 1 m			
Ignition head resistance [Ω]	1,2 – 2,2	0,4 – 0,7	0,15 – 0,35	
Safe amperage [A]	0,20	0,45	1,2	
Max. non-detonating impulse [mJ/Ω]	1,2	8,0	80	
Min. detonating impulse [mJ/Ω]	2,4	16,0	120	

STORAGE & PACKING CONDITIONS:

	NITRODET 0,2A	NITRODET LP 0,2A (1-10)	NITRODET 0,45A	NITRODET VA 1,2A 25 ms (1-18)
Storage temperature	from 0 °C to 45 °C	from 0 °C to 45 °C	from 0 °C to 45 °C	from 0 °C to 30 °C
Application temperature	from -25 °C to 50 °C	from -25 °C to 60 °C	from -25 °C to 50 °C	from -25 °C to 50 °C
Warranty period	12 months			

CLASSIFICATION:

UN number	0030
Class	1
Classification code	1.1 B