

DETONATEURS ELECTRIQUES / ELECTRIC DETONATORS



All electric detonators are specially designed to provide the precise control necessary to produce accurate and consistent blasting results.

ADVANTAGES

High initiation strength – 720 mg PETN or RDX base charge ensuring reliable initiation of call cap sensitive explosives.

Detonator shell design reduces the possibility of any mechanical damages as well as water hammer effect.

High level safety features due to an antistatic sleeve surrounding the fusehead with safeguarding spark gap.

Protected primary charge enclosed inside heavy duty steel delay element.

Superior fusehead design unmatched for reliability.

Excellent water resistance is provided by triple crimping.

Reliability over wide temperature range.

High compatibility with all blasting machines types.

Marking by means of an identification tag fastened to the leg wire.

High quality packaging in a strict conformity with the International Agreement of Road, Train, Sea and Air transport.

Excellent storage characteristics and easy handling.

SPECIFICATIONS AND APPLICATIONS

Standard Delay Ranges				
Delay Range	No. of delays	Delay interval	Insulation Color	Shell Material
Instantaneous	-	0 ms	Red	Aluminium
Instantaneous permissible	-	0 ms	Red	Copper
Millisecond	30	25 and 50 ms	Yellow	Aluminium
Millisecond permissible	16	30 ms	Yellow	Copper
80 ms / 250 ms	30	80 and 50 ms	Red	Aluminium
Quarter second	21	250 ms	Green	Aluminium
Half second	12	500 ms	Blue	Aluminium

Standard Sensitivity Groups	Group I	Group II	Group III	Group IV
No Fire current	0.18 A	0.45 A	1.2 A	4.0 A
No Fire Impulsive	0.8 mJ/Ω	8 mJ/Ω	80 mJ/Ω	1.1 J/Ω
Firing Current	≥ 1 A	≥ 1.5 A	≥ 3.5 A	≥ 25 A
Firing Impulsive	≥ 3.0 mJ/Ω	≥ 16 mJ/Ω	≥ 140 mJ/Ω	≥ 2.5 J/Ω
Standard Wire Insulation Color	White	Yellow	Pink	Brown

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