



DESCRIPTION

For users of detonating cord, CDet offers cord relays and surface MS connectors. Using these accessories, a pre-defined time delay can be provided when using detonating cords for initiation of explosives.

PRODUCT RANGE & APPLICATION

- CDet SIGMA (CORD RELAY)**

CDet SIGMA is a relay action device which provides a time delay within the line of detonating cord firing. The assembly consists of a plastic component housing two identical delay detonators to provide a bi-directional firing capability. CDet SIGMA is recommended for use with 10+ gm detonating cord only.

- CDet OPTRA (SHOCKTUBE MS CONNECTOR)**

OMEGA OPTRA is used to provide surface delay time between individual and multiple boreholes in which detonating cord is used as the primary initiation system. The assembly is a bi-directional unit that consists of a length of shock tube crimped at both ends with a similarly timed detonator which is housed inside a colour-coded plastic connector. The plastic connector is designed so that it easily affixes to detonating cord of any grammage.

CDET SIGMA & CDET OPTRA

TECHNICAL INFORMATION

Shell	Aluminium	Tube Material (Optra)	Plastic
Strength	No. 6 (By Lead Plate Test)	Tube Diameter (Optra)	3 mm +/- 0.1 mm
Explosives Used	Base Charge - PETN Primary Charge - ASA Compound	Tube Length (Optra)	0.6 Metre or as per customer request
Connector Material	HDPE	Delay Times Available	17 ms 25 ms 42 ms 65 ms

PRODUCT CLASSIFICATION

Commercial Name	CDET Sigma	CDET Optra
Technical Name	Detonators, Non-Electric, For Blasting	Detonators, Assemblies, Non-Electric, For Blasting
UN No.	0029	0360
IMDG Division / Compatibility Group	1.1B	1.1B
Indian Explosives Rules Class, Division	6,3	6,3



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