

# CDET VECTRA

## DELAY ELECTRIC DETONATOR



**CDET VECTRA** Delay Electric Detonators come in Short Delay and Long Delay series. Judicious usage of delay detonators achieves good fragmentation with controlled throw, enabling easy mechanical handling and providing control of ground vibration, noise and flyrock.

### CDET VECTRA SDD (Millisecond Series)

CDET VECTRA SDD (Short Delay Detonator) has delay numbers ranging from zero to twenty (0-20) with a nominal time interval of (a) 25 milliseconds between successive delay numbers from 0 to 10 & (b) 50 milliseconds for 10 to 20. The Detonator Delay Number is indicated on a tag attached to the leg wire.

### CDET VECTRA LDD (Half Second Series)

CDET VECTRA LDD (Long Delay Detonator) has delay numbers ranging from zero to twelve (0-12) with a nominal time interval of 0.5 second between successive delay numbers. For easy identification, it is ensured that all the detonators have delay number marked on a tag attached to one of the leg wires.

Short Delay Series detonators are designed for use in opencast and underground mines, for driving tunnels, shaft sinking and in quarries where multishot rounds are required.

Long Delay Series detonators are designed for use in underground mining for driving shafts and tunnels, blasting raises and shaft sinking. In many cases they are used for stopeing in metal mines, trenching and other blasting applications. The longer delay period allows sufficient rock movement before firing the consecutive shot.

## SPECIFICATIONS :

### LONG DELAY SERIES

### SHORT DELAY SERIES

Shell	Aluminium	Aluminium	Strength	No. 8
Delay Number	Nominal Time (Seconds)	Nominal Time (Milliseconds)	Fuse Head Resistance	1.6 to 2.2 Ohms
0	Instantaneous	Instantaneous	Firing Impulse	3. 2 Milliwatt seconds per Ohm
1	0.5	25	Firing Current (Series)	1.2 Amperes DC
2	1.0	50	Firing Current (Single)	0.8 Amperes DC
3	1.5	75	No-Fire current	0.18 Amperes applied for 300 seconds
4	2.0	100	Indian Explosives Rules classification	Class 6, Division 3
5	2.5	125	U.N. No. & Stowage category	0030 1.1B
6	3.0	150		
7	3.5	175		
8	4.0	200		
9	4.5	225		
10	5.0	250		
11	5.5	300		
12	6.0	350		
13	--	400		
14	--	450		
15	--	500		
16	--	550		
17	--	600		
18	--	650		
19	--	700		
20	--	750		

**DISCLAIMER :** The information given in this data sheet cannot possibly cover every application of the product nor every condition under which the product is used, the purchasers should make their own assessment to determine the suitability of the product and applicability for their particular purpose in the specific context. Explosive materials are dangerous and must be stored / handled as per approved regulations and safety procedures under competent supervision. The manufacturer does not make any warranty of any kind, expressed or implied, other than those implied mandatorily by State legislation. In no event shall the manufacturer be liable for consequential damages, expenses or losses. Products are in the process of continuous development and their specifications are subject to change without notice.

## CDET EXPLOSIVE INDUSTRIES PRIVATE LIMITED

(AN ISO 9001: 2000 COMPANY)

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