



Product Fact Sheet

ElectricMS™

ElectricMS* detonator assemblies provide short-delay electric initiation of blast patterns. **ElectricMS**, in 26 delay periods, provide flexibility in blast design. They can be used at surface or underground applications, at quarries or at construction projects.

FEATURES

ElectricMS assemblies have:

- Accurate, fuse technology delays;
- A high strength detonator design;
- High pressure resistant detonators;
- Built-in anti static features;
- Polyolefin legwire insulation that is not adversely affected by low temperatures, water immersion or extended storage at high humidity.

BENEFITS

Using **ElectricMS** assemblies:

- Provide excellent blast control;
- Ensures initiation reliability with all detonator sensitive explosives, even at low temperatures;
- Assures reliable performance, even where “water hammer” conditions exist;
- Protects against accidental detonation caused by static electricity;
- Assures superior performance in the toughest of environments.



ALWAYS

Lock up explosive materials and keep them from children

ElectricMS

Short-delay, Electric Detonator Assembly

Properties

Delay Periods	Nominal Firing Time	Delay Periods	Nominal Firing Time
0	3	13	325
1	25	14	350
2	50	15	375
3	75	16	400
4	100	17	425
5	125	18	450
6	150	19	475
7	175	20	500
8	200	22	550
9	225	24	600
10	250	26	650
11	275	28	700
12	300	30	750

Leg wire Color Code

Copper wire single	Turquoise & yellow
Copper wire duplex	Turquoise

Handling and Initiation

Recommended Firing Current

Series wiring	a minimum of 1.5 amps DC or 3 amps AC
Parallel wiring	a minimum of 1 amp AC or DC per detonator
Series-in-parallel wiring	a minimum of 2 amps AC or DC per series
Maximum recommended continuous firing current 10 amps	

Special Instructions

The **ElectricMS** Detonator is electrically compatible with **ElectricLP*** and **Electric COAL** detonators. **They are not electrically compatible** with any other electric detonators from ORICA or other manufacturers. Wiring this detonator with any other detonator may result in misfires.

Packaging

Leg wire Length (approx.)		Nominal Resistance (Ohms)	Quantity per		Explosive Classification
Feet	Metres	Copper Wire	Carton	Case	
8	2.5	1.94	50	500	1.1B
12	3.5	2.11	50	500	1.1B
16	4.5	2.28	25	250	1.4B
24	7	2.61	25	250	1.4B
30	9	2.40	15	150	1.4B
40	12	2.66	10	100	1.4B
60	18	3.19	8	80	1.4B

Nominal resistance is ± 0.4 ohms.
8 foot length available in delay period 0 only

Storage

For best results, store at moderate temperatures and dry conditions in a well ventilated, approved detonator magazine.

Recommended shelf life under proper storage conditions is five (5) years from date of manufacture.

Hazardous Materials Shipping Description

(As noted above in the Packaging table)

Detonator, Electric
Class and Division: 1.1B
UN 0030, PG II

- or -

Detonator, Electric
Class and Division: 1.4B
UN 0255, PG II

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