

# EXPLOSIVES

## PRODUCT INFORMATION

APRIL 2000

### **RIODET INSTANT**

INSTANTANEOUS ELECTRIC DETONATOR

The RIODET INSTANTANEOUS ELECTRIC detonator is a high strength unit designed for use in explosive initiation applications where there is no need for a delay between charges. It is designated as being a 0 period detonator with a nominal firing time of 3 ms. It is compatible with RIODET Short Delay detonators and RIODET Long Delay detonators. **DO NOT MIX ELECTRIC DETONATORS OF DIFFERENT TYPES OR MANUFACTURE IN THE SAME BLASTING CIRCUIT.**

The RIODET INSTANTANEOUS ELECTRIC detonators are designed to be highly resistant to accidental detonation from stray or induced currents. In addition, they are designed to minimize current leakage.

**LEGWIRES:** The leg wires are pink and white. They are 23 gauge (0.6mm diameter) copper wire with 0.06 Ohm/metre resistance, insulated with a 0.4 mm thick PVC coating with an O.D. of 1.35 - 1.44mm.

**FIRING CHARACTERISTICS:**

Bridge Wire Resistance:	0.3 - 0.5 Ohm
Firing Impulse:	8 - 16 mWs / Ohm
No - Fire Current:	0.45 amp
Minimum Single Cap Firing:	1.2 amp
Minimum Parallel Series:	2.5 amp

**EXPLOSIVES CLASSIFICATION:**

4 metre lengths and greater:	1.4B, UN 0255
less than 4 metre lengths:	1.1B, UN 0030

Manufactured for ETI by Union Española de Explosivos, S.A.

#### **CONTACT YOUR LOCAL ETI REPRESENTATIVE OR DISTRIBUTOR FOR MORE INFORMATION**

Because of the nature of blasting, we cannot anticipate all conditions under which this information and ETI products, or other products in combination with ETI products may be used and therefore we will not accept any responsibility for results or for direct, indirect special or consequential damages. All users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combination with other products.

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