Application
Electric detonator for seismic exploration.

Pressure Resistance
1 MPa / 24 H

Electrical Parameters
- Resistance of fuse head: 0.45 - 0.65 Ω
- Resistance of copper leg wires: 0.06 Ω/m
- Resistance of steel leg wires: 0.36 Ω/m
- No fire current: 0.45 A
- All fire current: 5 A
  - Electrostatic resistance (3.5 m leg wires)
    - 8 kV / 2.500 pF
    - 7 kV / 2.000 pF
    - 8 kV / 2.000 pF

Delay Accuracy: 5 A: 0.70 ± 0.1 ms

Explosives
- Fuse head: 35mg pikrat and nitrocellulose
- Primary charge: 62mg lead azide
- Base charge: 750 mg PETN or pentolit

Performance Test
- Strength: No.8
- Lead Plate: 5mm thick
- Performance hole diameter: ≥ 8mm

Wire Properties
- Two single wires
  - Diameter: 0.6mm/ 1.3mm (wire/ insulation)
  - Tensile Strength: 210 N/mm² – 270 N/mm² (copper)
    280 N/mm² – 360 N/mm² (steel)

Shelf Life
5 years at storage conditions of +5°C (+41°F) to +30°C (86°F) and maximum 65% relative humidity with good ventilation.

Disposal
Detonators should be destroyed only by authorised persons and in accordance with all applicable laws, regulations and company procedures.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Classification</th>
<th>CE Number</th>
<th>UN Number</th>
<th>D.O.T.</th>
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</thead>
<tbody>
<tr>
<td>See Selection Chart</td>
<td>1.4S</td>
<td>0589.EXP.2781/99</td>
<td>0456</td>
<td>EX-9907010</td>
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Temperature Resistance

<table>
<thead>
<tr>
<th>Temperature in °C</th>
<th>Temperature in °F</th>
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<tr>
<td>-35°C to +60°C</td>
<td>-31°F to +140°F</td>
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Packing Information

- Dimensions of box: 44cm x 30cm x 31cm
- Package Type: Carton
  +/− 5 % tolerance in weights

Revised: 13/09/06