**TAG5000S - 4-36 kV**

**Wireless phase comparator**

**STANDARD**

Penta POLE: Complying with ASTM F 1826, ASTM F 711, IEC 62193, IEC 60855-1

TAG5000S: Complying to European Directives and CE marking

**USE**

- Wireless phase comparator for three phase network with nominal voltages from 4 kV up to 36 kV – 50Hz or 60Hz (to be specified).
- Must be used with two insulating sticks included in the set.

**ADVANTAGES**

- Light and compact unit for overhead lines
- Safety probes for indoor use
- Positive indication for “in phase” conditions
- No hazard due to a cable link
- Increase distance of operation (more than 25 m)
- Possibility of phasing through walls (inside outside)

**TECHNICAL SPECIFICATIONS**

**Transmitter (T):** grey housing 210 mm – Ø 90 mm – 0.630 kg

Indicates the voltage presence with both visual and acoustic indications, then start to send the phase information to the receiver.

**Receiver (R):** blue housing 210 mm – Ø 90 mm – 0.630 kg

Indicates the voltage presence, and indicates “in phase” relationship with both visual and acoustic indications.

Built-in testing element simulating all the functions including out-of-phase conditions HF radio transmission operating at 433.9 MHz

Minimum distance range in free air 25 m

In-door / Out-door and All weather use

Powered by two alkaline 9 V batteries (1 per module)

**Safety MV electrode extension (grey) for 4-36 kV indoor use:**

Approx. weight of each electrode extensions: 0.600 kg

Insertion depth Ai = 260 mm

Extension length Lu = 360 mm

**Penta POLE:** 3 elements telescopic stick

- 1 top tube Ø 28 mm in accordance with IEC 60855 and ASTM F 711 standards
- 2 tubes of pentagonal shape in accordance with IEC 62193 and ASTM F 1826 standards
- APV end fitting for quick lock of the modules
- Extracted length=1.27m Retracted length=0.55m Net weight=0.720 kg

**Plastic case** with a set of contact electrodes (hooks, straight and V-shaped) and a silicon cloth.

<table>
<thead>
<tr>
<th>Reference</th>
<th>Frequency</th>
<th>Dimensions / Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>T5KSGB0436M5KIT</td>
<td>50 Hz</td>
<td>725 mm x 480 mm x 165 mm</td>
</tr>
<tr>
<td>T5KSGB0436M6KIT</td>
<td>60 Hz</td>
<td>7.300 kg</td>
</tr>
</tbody>
</table>

For use in switchgears, T and R shall be equipped with their electrode extension.