TAG5000S – 4-500 kV

Wireless phase comparator

STANDARD
Complying to European Directives and CE marking

USE
- Wireless phase comparator for three phase network with nominal voltages from 4 kV up to 500 kV - 50 Hz or 60 Hz (to be specified).
- Shall be used with two insulating sticks (not included) complying with the nominal voltage and having universal adaptors.

ADVANTAGES
- Light and compact units for overhead lines 4-230 kV
- Specific High-Voltage probe extensions (white) for use on 110-500 kV over-head lines
- Safety Medium-Voltage electrode extensions (grey) for use on 4-36 kV indoor use
- Positive indication for “in phase” conditions
- No hazard due to a cable link
- Increase distance of operation (more than 25m)
- 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 210mm – Ø 90mm – 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”
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 9 V alkaline batteries (1 per module)
Specific HV probe extensions (white) for 110-500 kV over-head lines :
Approx. weight of each electrode extensions : 0.400 kg
Extension length Lu = 325 mm
Safety MV electrode extensions (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
Plastic case with a set of contact electrodes (hooks, straight and V-shaped) and silicon cloth.

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<thead>
<tr>
<th>Reference</th>
<th>Frequency</th>
<th>Dimensions / Weight</th>
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<tbody>
<tr>
<td>T5KSGB04500M5</td>
<td>50 Hz</td>
<td>725 mm x 480 mm x 165 mm</td>
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<td></td>
<td>7.150 kg</td>
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<tr>
<td>T5KSGB04500M6</td>
<td>60 Hz</td>
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