Check the quality of your electrical joints thanks to low resistance measurements!

**C.A 6250**

**Many Measurements**
- Continuity of grounds
- Surface and metatization condition
- Quality of contacts (switches, relays)
- Resistance of cables and windings
- Heating of motors and transformers

**Check for Good Mechanical Bonds**

- Broad measurement range: from 1 µΩ to 2,500 Ω
- Accuracy guaranteed:
  - 4-wire measurement method
  - Automatic compensation of spurious voltages
- 3 measurement modes
- “Temperature compensation” function for a comparative result
- Giant back-lit LCD display
**MEASUREMENTS**

3 measurement modes possible depending on the application

- **INDUCTIVE MODE** for measurements on inductive components (transformers, motors, etc.)

- **NON-INDUCTIVE MODE** for measurements on resistances, with a time constant of a few ms (contacts, metallization, etc.)

- **AUTO NON-INDUCTIVE MODE WITH AUTOMATIC TRIGGERING** for measurements on resistances with no time constant

**Measurements in the field, in the workshop, or in the laboratory...**

**FUNCTIONS**

**Temperature compensation**

The value of a resistance varies with temperature. For reliable tracking, measurements can only be compared when made under the same conditions, this means it is judicious to refer measurements to the same reference temperature in all cases. The instrument performs this calculation automatically: you simply press a key.

(Pt100 probe connector on the front panel)

**Programmable alarms**

Because an audible signal is sometimes all you need to interpret and evaluate a measurement, a high and/or low alarm threshold can be activated. When it is crossed, an audible warning is triggered (its volume can be adjusted).

**Extended memory**

The C.A 6250 has internal memory to store 1,500 measurements. Recording is done using two indices, OBJ (object) and TEST (test), so as to store the results in an ordered manner.

**FEATURES**

- **Large back-lit LCD display**

  - Result easy to read
  - Many symbols and indications (for a better understanding of the measurement and instrument operation.)

- **Broad measurement span,** with 7 ranges that can be manually selected on the rotary switch

**TO ORDER**

- **C.A 6250**
  - P01.1432.01
  - 10 A Microhmmeter

  Delivered with an accessories pouch containing one EURO mains power cord 2 m long and a set of two 2 m Kelvin clamp cables

**ACCESSORIES**

- **Set of two 2 m cables with double probe tips**
  - P01.1017.82

- **Set of two 2 m cables with miniature Kelvin clips**
  - P01.1017.83

- **Pt100 temperature probe**
  - P01.1020.13

- **Cable 2 m long for remote use of the Pt100 probe**
  - P01.1020.14

- **Serial printer + connecting cord**
  - P01.1029.03

- **GB power cord**
  - P01.2952.53

**MEASUREMENTS**

<table>
<thead>
<tr>
<th>Range</th>
<th>Resolution</th>
<th>Accuracy over 1 year</th>
<th>Measurement current</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,000 mΩ</td>
<td>0.1 mΩ</td>
<td>0.05 % + 1.0 mΩ</td>
<td>10 A</td>
</tr>
<tr>
<td>25,000 mΩ</td>
<td>1 mΩ</td>
<td>0.05 % + 3 mΩ</td>
<td>10 A</td>
</tr>
<tr>
<td>250,000 mΩ</td>
<td>10 mΩ</td>
<td>0.05 % + 30 mΩ</td>
<td>10 A</td>
</tr>
<tr>
<td>250,000 mΩ</td>
<td>10 mΩ</td>
<td>0.05 % + 3 mΩ</td>
<td>100 mA</td>
</tr>
<tr>
<td>2,500,000 mΩ</td>
<td>100 mΩ</td>
<td>0.05 % + 300 mΩ</td>
<td>10 mA</td>
</tr>
</tbody>
</table>

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