

## Product Data Sheet

Manufacturer : Robin

Model : KTS 1610

Page 1 of 2



**The KTS1610 is Robin's compact 4 in 1 Digital multifunction tester for the testing of electrical installations to the requirements of BS 7671.**

The **KTS1610** provides 4 primary test functions of

- Continuity Tester
- Insulation Tester
- Loop Impedance tester
- RCD Tester.

All in a compact, light, and portable design.

Included with the **KTS 1610** as standard are SL20 Snap-Lok Test Leads, SL16E distribution board test leads, BS 1363 moulded plug lead, carrying case, Batteries, Instruction Manual, & Certificate of Conformity.

### KEY FEATURES

#### Continuity & Insulation Test Function

- **Visual Live Circuit warning lamp.**
- **Auto discharge.** Allows fast & safe electrical discharge of capacitance circuits following testing.
- **Integral Overload protection.** Protection on internal continuity & insulation circuitry.
- **Auto ranging.**
- **500V DC Insulation test function.**
- **200 mA short circuit current on continuity ranges.**

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**KEY FEATURES (Cont'd)****LOOP Impedance Test Functions**

- **Visual correct wiring warning lamp.**
- **Integral Overheat protection.** Protection on internal circuitry against over heating.
- **Supply voltage indication.**
- **Low current Loop Impedance Test.**
- **Auto Data hold.**

**RCD Test Functions**

- **Auto Data hold.**
- **Phase angle selection.** Selection of test current from +ve & -ve half cycle waveform.
- **RCD Fast Trip.** 150 mA fast trip test.
- **x½ & x1 RCD multiplier's**
- **11 Possible test RCD trip current settings.**

FUNCTION	RANGE	ACCURACY
<b>Continuity Resistance</b>	0 to 19.99 ohm	±(3% ind + 3 digits)
	10.0 to 199.9 ohm	±(3% ind + 3 digits)
<b>Insulation Resistance (500V DC)</b>	0 to 19.99 Mohm	±(3% ind + 3 digits)
	10.0 to 199.9 Mohm	±(3% ind + 3 digits)
<b>Loop Impedance</b>	20 ohm ( Nominal 24 A current)	±(3% ind + 8 digits)
	200 ohm (Nominal 15mA Current)	±(3% ind + 8 digits)
<b>RCD Testing</b>	x½ :- 5, 15, 50, 150, 250mA	±(3% ind + 3 digits) trip time
	x1 :- 10, 30, 100, 300, 500 mA	
	150 mA Fast trip	

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