



KYORITSU · INSTALLATION TESTERS · DATASHEET

Kyoritsu MODEL 6011A Multi Function Installation Tester

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IP54 multi function installation tester for continuity, 250/500/1000 V insulation, loop, PSC and RCD tests, with no-trip 15 mA loop ranges.

Key features

- Complies with IEC 61557; designed to IP54
- Live circuit and wiring connection check LEDs
- Insulation tests at 250, 500 and 1000 V
- Loop and PSC tests with 15 mA test current on 200 Ω / 2000 Ω ranges (no RCD trip)
- RCD tests for standard, selective, AC and A types, with phase angle selection and contact voltage reading
- Continuity with polarity switch and auto-null
- Earth probe for loop impedance testing on extraneous metalwork

Price and availability

Ask Industrial Supply Syndicate for the current price, stock and a quotation with GST and freight. Call +91 8961089611 or WhatsApp +91 89610 89611.

Specifications

Continuity

Measuring ranges	20 / 200 / 2000 Ω (auto-ranging)
Open-circuit voltage	> 6 V
Short-circuit current	> 200 mA DC
Accuracy	$\pm 1.5\%$ rdg ± 3 dgt

Insulation Resistance

Measuring ranges	20 / 200 M Ω (auto-ranging)
Test voltage	250 V, 500 V, 1000 V DC
Output voltage on open circuit	250 V +40 to 0%, 500 V +30 to 0%, 1000 V +20 to 0%
Rated current	> 1 mA
Accuracy	$\pm 1.5\%$ rdg ± 3 dgt

Loop Impedance

Rated voltage	230 V AC +10 to 15% (50 Hz)
Voltage measuring range	100 to 250 V AC (50 Hz)
Impedance ranges	20 / 200 / 2000 Ω
Nominal test current	25 A (20 Ω range), 15 mA (200 Ω range), 15 mA (2000 Ω range)

**Loop Impedance (continued)**

Accuracy	20 Ω range $\pm 3\%$ rdg ± 4 dgt; 200 Ω range $\pm 3\%$ rdg ± 8 dgt; 2000 Ω range $\pm 3\%$ rdg ± 4 dgt
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PSC

Rated voltage	230 V AC ± 10 to 15% (50 Hz)
PSC ranges	200 A (15 mA test current), 2000 A (25 A test current), 20 kA (25 A test current)
Accuracy	Derived from measured loop impedance specification and measured voltage specification

RCD

Rated voltage	230 V AC ± 10 to 15% (50 Hz)
Trip current settings	$\times 1/2$: 10, 30, 100, 300, 500, 1000 mA; $\times 1$: 10, 30, 100, 300, 500, 1000 mA; $\times 5$: 10, 30, 100, 300 mA (max. 1 A on $\times 5$ ranges)
Trip current duration	$\times 1/2$, $\times 1$: 2000 ms; fast: 50 ms
Accuracy	Trip current ± 10 to 0% of test current at 230 V; trip time $\pm 1\%$ rdg ± 3 dgt

Safety

Measurement category	IEC 61010-1 CAT III 300 V, pollution degree 2
Standards	IEC 61010-2-034, IEC 61557

General

Power source	R6 / LR6 $\times 8$
Dimensions	130 (L) $\times$ 183 (W) $\times$ 100 (D) mm
Weight	Approx. 1100 g

What's in the box

- Test lead with IEC connector (KAMP10)
- Test leads (7122B)
- External earth probe (7132A)
- Fuse [0.5 A / 600 V] (1 fitted, 1 spare) (8923) $\times 2$
- Cord case (9092)
- Shoulder strap (9121)
- Battery (AA) (R6) $\times 8$
- Instruction manual

Typical applications

- **RCD Testing** – Tests standard, selective, AC and A type RCDs at $\times 1/2$, $\times 1$ and $\times 5$ up to 1000 mA.
- **Insulation Testing** – Insulation tests at 250, 500 and 1000 V DC on 20 / 200 M Ω ranges.
- **Electrical Safety Testing** – Loop, PSC to 20 kA, continuity and RCD checks in an IP54 design.

Official Kyoritsu documents

MODEL 6011A product catalogue (English) PDF · www.kew-ltd.co.jp

MODEL 6011A instruction manual (English) PDF · www.kew-ltd.co.jp



Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu MODEL 6011A across India with a GST invoice. Tell us the quantity and delivery location; we reply with a quotation or proforma invoice including freight.

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