

KYORITSU · INSTALLATION TESTERS · DATASHEET

Kyoritsu MODEL 4118A Loop / PFC / PSC Tester

MODEL 4118A · Loop / PFC / PSC Tester



Microprocessor-controlled loop impedance and PSC tester with 20/200/2000 Ω ranges, a low-current 15 mA loop range and wiring check LEDs.

Key features

- Custom microprocessor control
- Loop impedance ranges 20 / 200 / 2000 Ω with 0.01 Ω resolution
- 15 mA test current on the 2000 Ω range to avoid tripping 30 mA RCDs
- Direct reading of prospective short circuit current up to 20 kA
- 3 LEDs for wiring status and reversed phase/neutral indication
- Automatic lock-out if the test resistor overheats
- IP54 rated design

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

Loop Impedance	
Ranges	20 / 200 / 2000 Ω
Accuracy	$\pm 2\%$ rdg ± 4 dgt
AC test current	20 Ω : 25 A; 200 Ω : 2.3 A; 2000 Ω : 15 mA
AC test period	20 Ω : 20 ms; 200 Ω : 40 ms; 2000 Ω : 280 ms
PSC	
Ranges	200 A (2.3 A, 40 ms) / 2000 A (25 A, 20 ms) / 20 kA (25 A, 20 ms)
Accuracy	Consider accuracy of loop impedance
Voltage	
Voltage	110 to 260 V; $\pm 2\%$ rdg ± 4 dgt
Operating voltage	230 V $\pm 10\%$ / -15% (195 to 253 V), 50 Hz
Safety	
Measurement category	IEC 61010-1 CAT III 300 V, pollution degree 2
Standards	IEC 61557-1, -3, IEC 61010-2-031, IEC 60529 (IP54)
General	
Dimensions	167 (L) $\times$ 186 (W) $\times$ 89 (D) mm
Weight	Approx. 750 g



What's in the box

- Molded plug test lead (AU / UK / EU / SA, by region) (7123 / 7124 / 7125 / 7126)
- Distribution board test leads (7121B)
- Shoulder strap (9121)
- Cord case (9147)
- Instruction manual

Typical applications

- **Electrical Safety Testing** – Loop impedance and PSC tests to IEC 61557-3 on 230 V, 50 Hz circuits.
- **Power Distribution** – Reads prospective short circuit current up to 20 kA at boards and sockets.

Official Kyoritsu documents

[Kyoritsu Shortform Catalogue 2026 \(English\) – includes the MODEL 4118A](#) PDF · www.kew-ltd.co.jp

[MODEL 4118A instruction manual \(English\)](#) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu MODEL 4118A 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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