

KEW4118A

Digital Loop PSC Tester



PRODUCT DATA SHEET

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Digital Loop PSC Tester

- 25A current 20Ω range gives great accuracy 0.01Ω loop readings
- 15mA 2000Ω range will not trip 30mA RCDs or greater (1Ω resolution)
- 3 LEDs for checking correct wiring status
- Direct reading of Prospective Short Circuit Current (PSC)
- Safe voltage measurement function
- Large custom digital display readout on all models
- Automatic lock-out if test resistor overheats
- Large custom digital display readout
- Visual indication of reversed phase and neutral wiring at socket

ACCESSORIES

- Moulded plug test leads
- 7121B (Simplified measurement probe)
- Pouch for test leads
- Shoulder Strap
- Instruction Manual

OPTIONAL

- Kewcheck R2
- ACC50MTL 50m test lead extension
- FC2000 Check box

SPECIFICATIONS

LOOP IMPEDANCE (IEC61557-3)

Range	Measuring Range	Nominal test current at 0Ω external loop	Accuracy
20Ω	0.00 – 19.99 Ω	25A / 20ms	± (2%rdg + 4 digits)
200Ω	0.0 – 199.9 Ω	2.3A / 40ms	
2000Ω	0 – 1999 Ω	15mA / 280ms	

PROSPECTIVE SHORT-CIRCUIT CURRENT

Range	Measuring Range	Nominal test current at 0Ω external loop	Accuracy
200A	0.00 – 199.9 Ω	2.3A / 40ms	Consider accuracy of loop impedance
2000A	0 – 1999A	25A / 20ms	
2000Ω	0.00 – 4.00kA	25A / 20ms	

VOLTAGE

Measuring range	Accuracy
110 – 260V	± (2%rdg + 4 digits)

APPLIED STANDARDS

Instrument operation	IEC / EN 61557-1, IEC61557-3
Safety	IEC/EN 61010-1 CATIII (300V) - instrument IEC/EN 61010-2-31 CATIII (300V) - test lead
Protection degree	IEC60529 (IP 54)