

LOOP/PFC/PSC Testers

MODEL 4118A



- Custom microprocessor controlled for highest accuracy and reliability.
- 3 LEDs for checking correct wiring status.
- 15mA LOOP measurement:

LOOP impedance 2000Ω range measurement is carried out with low test current (15mA).

The current will not cause tripping out involved RCD even the one with the lowest nominal differential current (30mA).

- Direct reading of Prospective Short Circuit Current (PSC).
- Safe voltage measurement function.
- Large custom digital display readout on all models.
- Measure low loop resistances(resolution of 0.01Ω)
- Automatic lock-out if test resistor overheats.
- Large custom digital display readout .
- Visual indication of reversed phase and neutral wiring at socket.
- Designed to IP54 Rating
- Complies with IEC 61557

Front Cover



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| Loop Impedance Ranges | 20/200/2000Ω |
| Loop Impedance Accuracy | ±2%rdg±4dgt |
| AC Test Current | 20Ω 25A 200Ω 2.3A 2000Ω 15mA |
| AC Test Period | 20Ω (20ms) 200Ω (40ms) 2000Ω (280ms) |
| PSC Ranges | 200A (2.3A 40ms) 2000A (25A 20ms) 20kA (25A 20ms) |
| PSC Ranges Accuracy | Consider accuracy of Loop impedance |
| Voltage | 110V-260V ±2%rdg±4dgt |
| Operating Voltage | 230V+10% -15% (195V - 253V) 50Hz |
| Safety Standard | IEC 61010-1 CAT III 300V Pollution Degree 2 IEC 61557-1,-3 IEC 61010-2-031 |
| IP Rating | IEC 60529-IP54 |
| Dimensions | 167(L) × 185(W) × 89(D)mm |
| Weight | 750g approx. |
| Accessories | Molded plug test leads 7121B (Simplified measurement probe) Pouch for test leads 9121 (Shoulder Strap) Instruction Manual |