

LOOP / PSC Tester

MODEL **4116A/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). (4118A only)
- 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 IEC61557



CE

Front Cover



MODEL	4116A	4118A
Loop Impedance Ranges	20/200/2000Ω	20/200/2000Ω
Loop Impedance Accuracy	±2%rdg±4dgt	±2%rdg±4dgt
AC Test Current	20Ω 25A 200Ω 2.3A 2000Ω 15mA	20Ω 25A 200Ω 2.3A 2000Ω 15mA
AC Test Period	20Ω (20ms) 200Ω (40ms) 2000Ω (280ms)	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 $\pm 2\%$ rdg ± 4 dgt	
Operating Voltage	230V $\pm 10\%$ -15%(195V~253V)50Hz	
Safety Standard	IEC61010-1 CAT.III 300V IEC61557-1,-3 IEC61010-2-031 Pollution Degree 2	
IP Rating	IEC60529-IP54	
Dimensions	185(L) x 167(W) x 89(D)mm	
Weight	750g approx.	
Accessories	Molded plug test leads Pouch for test leads Shoulder Strap Instruction Manual	Molded plug test leads 7121 (Distribution board test leads) Pouch for test leads Shoulder Strap Instruction Manual
Optional	7121 (Distribution board test leads)	-----