

LOOP/PSC TESTERS

Digital LOOP/PSC Tester



MODEL 4120A

- Custom microprocessor controlled for highest accuracy and reliability.
- 3 LEDs for checking correct wiring status.
- 15mA LOOP measurement: LOOP impedance 2000 Ω range measurement is carried out with low test current (15mA)
The current will not cause tripping out involving RCD's -even the one with the lowest nominal differential current (30mA)
- Model 4120A has the automatic RCD (ELCB) lock device. There is no need to by-pass most passive RCD's at distribution boards when conducting LOOP or PSC tests.
- Direct reading of Prospective Short Circuit Current (PSC) and earth fault current.(4118A, 4120A Only)
- Safe voltage measurement function.
- Large custom digital display readout.
- Measure low loop resistance (resolution of 0.01Ohm)
- Automatic lock-out if test resistor overheats.
- Visual indication of reversed phase and neutral wiring at socket.
- Designed to IP54 Rating.
- Complies with IEC61557.

● Specifications

Loop Impedance Ranges	20/200/2000 Ω (20/200 Ω D-LOK)
Loop Impedance Accuracy	$\pm 2\%rdg \pm 4\%rdg$
AC Test Current	20 Ω (25A) 200 Ω (2.3A) 2000 Ω (15mA)
AC Test Period	20 Ω (20ms) 200 Ω (40ms) 2000 Ω (280ms)
PSC Ranges	200A(2.3A 40ms)D-LOK 2000A(25A 20ms)D-LOK 20kA(25A 20ms)D-LOK
PSC Ranges Accuracy	Consider accuracy of Loop impedance
Voltage	110V-260V $\pm 2\%rdg \pm 4\%rdg$
Operating Voltage	230V+10%-15%(195V-253V)50Hz
Safety Standard	IEC61010-1 CAT. III 300V Pollution

	Degree 2 IEC61010-2-031 IEC61557-1,-3
IP Rating	IEC60529-IP54
Dimensions	186(L)×167(W)×89(D)mm
Weight	960g approx.
Accessories	Molded plug test leads 7121 Distribution board test leads Pouch for test leads Shoulder Strap Instruction Manual