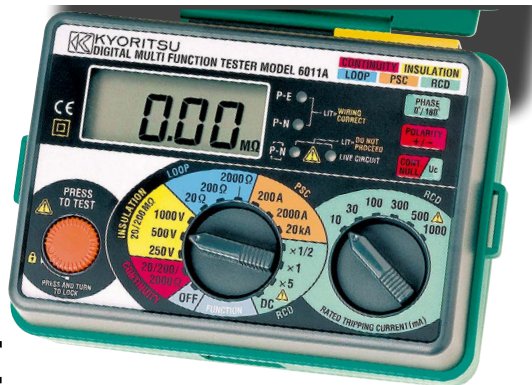


MODEL 6011A



CE

MODEL 6011A can perform FIVE separate test functions: insulation, continuity, earth loop impedance, prospective short circuit current and RCD trip testing in full compliance with IEC 61557

5 in 1

Continuity

20/200/2000Ω

Loop

20/200/2000Ω

PSC

200/2000A/20kA

Insulation

250/500/1000V

RCD

10/30/100/300/500/1000mA

The Model 6011A can perform FIVE separate test functions; insulation, continuity, earth loop impedance, prospective short circuit current and RCD trip testing in full compliance with IEC61557.

It features a triple voltage insulation test at 250V,500V and 1000V and can measure mains voltage when operating in the loop impedance and RCD testing functions.

Additional features include a phase angle selector switch for RCD testing, a polarity switch for switching polarity during continuity and insulation tests and a continuity null to facilitate automatic subtraction of test lead resistance from continuity measurements.

Features

- Live circuit and wiring connection check LED's
- Triple range insulation tests at 250,500 and 1000V
- Triple range loop and PSC tests 15mA tests current at 200Ω/2000Ω range (No RCD Trip)
- Phase angle selection on RCD range
- Polarity switch for continuity tests
- Auto-null facility for continuity tests
- DC test for DC sensitive RCDs
- Earth probe for loop impedance testing on extraneous metalwork

	6011A
Continuity testing	
Measuring ranges	20/200/2000Ω(Auto-ranging)
Open circuit voltage	>6V
Short circuit current	>200mA DC
Accuracy	±1.5%rdg±3dgt
Insulation testing	
Measuring ranges	20/200MΩ(Auto-ranging)
Test voltage	250/500/1000V DC
Output voltage on open circuit	250V+40%, -0% 500V+30%, -0% 1000V+20%, -0%
Rated current	> 1mA
Accuracy	±1.5%rdg±3dgt
Loop impedance testing	
Rated voltage	230V AC +10%, -15%[50Hz]
Voltage measuring range	100 - 250V AC[50Hz]
Impedance ranges	20/200/2000Ω
Nominal test current	25A(20Ω range) 15mA(200Ω range) 15mA(2000Ω range)
Accuracy	20Ω range ±3%rdg±4dgt 200Ω range ±3%rdg±8dgt 2000Ω range ±3%rdg±4dgt
PSC testing	
Rated voltage	230V AC +10%, -15%[50Hz]
PSC ranges	200A(15mA Test current) 2000A(25A Test current) 20kA(25A Test current)
Accuracy	PSC accuracy derived from measured loop impedance specification and measured voltage specification
RCD testing	
Rated voltage	230V AC +10%, -15%[50Hz]
Trip current settings	RCD × 1/2 :10,30,100,300,500,1000mA RCD × 1 : 10,30,100,300,500,1000mA RCD × 5 : 10,30,100,300mA (on × 5 range max current 1A)
Trip current duration	RCD × 1/2 × 1 : 2000ms RCD fast : 50ms
Accuracy	Trip current +10% -0% of test current at 230V Trip time ±1%rdg±3dgt
General	
Applicable Standards	IEC 61010-1 CAT III 300V pollution degree 2 IEC 61010-2-034, IEC 61557, IEC 60529(IP54)
Power source	R6/LR6 × 8
Dimension	130(L) × 183(W) × 100(D)mm
Weight	Approx. 1100g
Accessories	KAMP10(Test lead with IEC connector)*1 7122B(Test leads), 7132A(KSLP5)(External earth probe) 8923 (Fuse[0.5A/600V]) × 1 (included), 1 (spare) 9092(Cord case), 9121(Shoulder strap) R6(AA) × 8, Instruction manual
Optional Accessories	7133B(Distribution board test leads)

*1 KAMP10(EU): European SCHUKO plug KAMP10(UK):British plug(13A)
KAMP10(AU):Australian plug KAMP10(SA):South african plug

**COSINUS Messtechnik - Ihr Partner für Messlösung
in allen elektrischen und physikalischen Anwendungen**

COSINUS Messtechnik GmbH

Rotwandweg 4

82024 Taufkirchen

Tel.: 089 / 66 55 94 - 0

Fax: 089 / 66 55 94 -30

office@cosinus.de
www.cosinus.de