RCD TESTERS



	5406A			
Rated tripping current	10/20/30/200/300/500mA			
Fault condition settings	⊠ 1/2 ⊠ 1 ⊠ 5 ⊠ DC Auto Pamp			
Trip current duration	1000ms 200ms(2 5)			
Lowest resolution	1ms			
Trip time accuracy	⊠ 0.6%rdg⊠ 4dgt			
Operating voltage	230V210%-15% (195V - 253V)[50Hz]			
Applicable standards	IEC 61557-1,6 IEC 61010-1 CAT Ⅲ 300V IEC 61010-031 Pollution degree 2 IEC 60529(IP54)			
Dimensions	167(L) ⊠ 186(W) ⊠ 89(D)mm			
Weight	800g approx.			
Accessories	Molded plug test leads⊠ 9147(Cord case) 9121(Shoulder strap) Instruction manual			
Optional	7121B(Distribution board test leads)			

 ∑ 7123(AL) : Australian plug 7124(LK) : British plug(13A) 7125(EL) : European SHLKO plug 7126(SA) : South african plug

- · Custom microprocessor controlled for highest accuracy and reliability.
- · 3 LEDs for checking correct wiring status.
- 0 and 180 degree phase angle switch permits quick tests and consistent readings.
- · Digital read-out of tripping time.
- Test of a large kind of RCDs: Standard, Selective, AC and A(DC sensitive breakers).
- Constant current source circuitry ensures that a fluctuating mains voltage does not affect the accuracy of readings.
- · Large custom digital display readout.
- · Visual indication of reversed phase and neutral wiring at socket.
- · Designed to IP54 Rating.
- . Complies with IEC 61557

Accessories





Molded plug test leads

MODEL 7123 (AU) Australian plug

MODEL 7 1 24 (UK)British plug(13A)

MODEL 7125 (BU)European SHUKOplug

MODEL 7126 (SA) South african plug

RCD TESTERS



· Measurement of RCD trip time

Conducting testing of rated residual non-operating currents at x 1/2 Range, measuring RCD trip time at x1 and x5 Ranges.

• Measurement of trip out current

Measuring trip out current by varying current automatically.

· Remote Test

Enabling a user to hold the Test Leads with his both hands by locking the Test Button. Measurement will automatically start when the main voltage is detected.

Voltage Measurement

Carrying out a constant measurement of voltage in the stand-by mode at each Range.

· Auto-detection of Contact voltage

Detecting the voltage to earth of Earth electrodes or Protective conductors during RCD test - when applying test currents - at measurement using EARTH in order to prevent electrical shocks caused by the damaged earth. Measurement will be ceased at AC50V or more.

• Dust- and Water-proof

Dust- and Water-proof construction. (designed to IEC 60529 IP54)

Backlight

Facilitating working at dimly illuminated locations.

		5410			
/leasuren	nent of RO	Otriptime Me	asurement of t	rip out current	
Range		⊠5	⊠1	⊠1/2	Auto Ramp (mA)
Rated vo	oltage	100V⊠10% 200V⊠32%- 400V⊠10% (50/60H 2)	10%		
Test current		15/30/50/100mA 15/30/50/100/200/500mA			15/30/50/100/200/500m
Measuri	ng range	Testing time 200ms	Testing time 2000ms	Testing time 2000ms	40% - 110% of l∆n (goes up by 5%) Testing time 300ms x 15 steps
Accuracy	Trip time	⊠1%rdg⊠3dgt	⊠1%rdg⊠3dgt	⊠1%dg⊠3dgt	Test current at each step
	Testourrent	⊠2%-⊠8%dgt	⊠2%-⊠8%dgt	-8%2%dgt	-4%-⊠4%
dtage m	easuremer	nt .			

Measuring range	80V - 450V(50/60Hz)
Accuracy	⊠2%rdg⊠4dgt
Applicable standards	IEC 61010-1 Pollution degree 2 CAT Ⅲ 300V/ CAT Ⅱ 400V IEC 61557-1,6
	IEC 60529(IP54)
Display	1999 counts(3 1/2digits), Large LCD
Operating temperature & humidity	0%C- 40%C, relative humidity 85%(no condensation)
Storage temperature & humidity	-20%C- 60%C, relative humidity 85%(no condensation)
Insulation resistance	50N Ω or more / 1000V(between electrical circuit and enclosure)
Power source	DC12V / Size AA battery R6(SUM-3)\(\times 8pcs
Dimension	167(L)⊠186(W)⊠89(D)mm
Weight	Approx. 965g (including batteries)
Accessories	7128A(Test leads) 7129A(Test lead with alligator clip) 8017(Extension prod) 9147(Cord case), 9121(Shoulder strap), Instruction manual, R6(SUM-3)(AA) 8

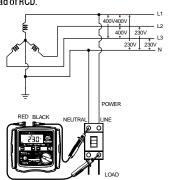
The FCD type G (without trip out time-delay) can be tested at Auto Ramp Test Type S (time-delay) carnot be tested.

Accessories



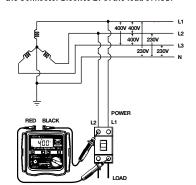
Neutral - Line

Connect the "PRIMARY" of the Connector Block to the Neutral of the power of RCD, and the "SEC-ONDARY" of the Connector Block to the Line of the load of RCD.



Line - Line

Connect the "PRIMARY" of the Connector Block to L2 of the power of RCD, and the "SECONDARY" of the Connector Block to L1 of the load of RCD.



Earth - Line

Connect the "PRIMARY" of the Connector Block to Earth, and the "SECONDARY" of the Connector Block to Line of the load of RCD.

