

KEW 5410



CE

- Measurement of RCD trip time**
 Conducting testing of rated residual non-operating currents at $\times 1/2$ Range, measuring RCD trip time at $\times 1$ and $\times 5$ 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				
Measurement of RCD trip time		Measurement of trip out current		
Range	$\times 5$	$\times 1$	$\times 1/2$	Auto Ramp (mA)
Rated voltage	100V \pm 10%, 200V+32%/-10%, 400V \pm 10%, (50/60Hz)			
Test current	15/30/50/100mA	15/30/50/100/200/500mA	15/30/50/100/200/500mA	
Measuring range	Testing time	Testing time	Testing time	40% - 110% of I Δ n (goes up by 5%)
	200ms	2000ms	2000ms	Testing time 300ms \times 15 steps
Accuracy	Trip time	$\pm 1\%rdg \pm 3dgt$	$\pm 1\%rdg \pm 3dgt$	$\pm 1\%rdg \pm 3dgt$
	Test current	+2% - +8%dgt	+2% - +8%dgt	-8% - -2%dgt
Voltage measurement				
Measuring range	80V - 450V(50/60Hz)			
Accuracy	$\pm 2\%rdg \pm 4dgt$			
Applicable Standards	IEC 61010-1 Pollution degree 2 CAT III 300V/ CAT II 400V IEC 61557-1,6 IEC 60529(IP54)			
Operating temperature & humidity	0°C - 40°C, relative humidity 85%(no condensation)			
Storage temperature & humidity	-20°C - 60°C, relative humidity 85%(no condensation)			
Power source	R6(AA)(1.5V) \times 8			
Dimensions	167(L) \times 186(W) \times 89(D)mm			
Weight	Approx. 965g (including batteries)			
Accessories	7128A(Test leads), 7129A(Test lead with alligator clip) 8017(Extension prod) \times 2, 9147(Cord case), 9121(Shoulder strap), Instruction manual, R6(AA) \times 8			

*Only the RCD type G (without trip out time-delay) can be tested at Auto Ramp Test ; type S (time-delay) cannot be tested.

Accessories



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