

Industrial RCD (ELCB) Tester



Technical Datasheet



K5410/K5410IS

The K5410 is a Microprocessor controlled Industrial Earth Leakage tester designed to operate on 550V, 380V and 220V systems, or circuits with a maximum of 450V AC (L-E). The K5410 measures trip current by varying the current automatically. A great feature is remote testing which enables the user to hold the test leads with both hands by locking the test button; measurement will automatically start when the main voltage is detected. The K5410 detects the voltage to Earth electrodes or Protective conductors during RCD test, when applying test currents, at measurement using Earth in order to prevent electrical shocks cause by the damaged earth. Measurement will cease at 50V AC or more. Ideally suited for Mining and Industrial use.

Features Include:

- Microprocessor controlled
- Operating voltage 80V - 450V L-E
- Auto Ramp
- 0° or 180° Phase angle selection
- Rated current 10mA - 500mA
- Automatically measures trip current
- Remote testing
- IP54
- K5410IS Intrinsically Safe Version Available



Function	Range	Accuracy
Rated trip current	10 - 30 - 50 - 100 - 200 - 500mA	± (1.0% + 3)
Other Test Settings	X½ - 5/15/25/50/100/250mA	± (1.0% + 3)
	X 1 - 10/30/50/100/200/500mA	± (1.0% + 3)
	X 5 - 10/30/50/100mA	± (1.0% + 3)
	Auto Ramp - 10/30/100/200/500mA	± (1.0% + 3)
Operating Voltage	80V - 450V (L - E)	
Fault Trip Time	2000ms (200ms FOR X5)	
Phase Angle Setting	0° OR 180°	
AC Voltage Range	80V - 450V	
Size (L x W x D)	186 x 167 x 89mm	
Weight	965g	

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