

STEK ELCB / RCD / LOOP Tester Model: 1812



An essential Instrument for checking earth leakage circuit breaker and residual current detectors – A Safety standard and a must to be followed in Residential, Commercial and Industrial Establishment

- Comply with IEC/EN 61010-1 1000V CAT II,600V CAT III Safety standards
- Maximum common mode voltage:600V AC RMS
- Display method:it is displayed on the LCD with maximum value at 6000 counts
- Measuring range selection:Auto/manual measuring range
- Frequency detection:Auto
- Overrange indication: " > "
- Power consumption:100mW
- Storage temperature:-20~70C
- Working temperature:0~40C
- Temperature factor:When the temperature is lower than 18C or above 28C the factor is per(°) x 0.05 x (appointed accuracy)
- Electromagnetic compatibility:in a 3V/M RF (Radio Frequency) magnetic field,accuracy = appointed accuracy;otherwise,the accuracy is not appointed.
- Storage elevation:12000m
- Usage elevation:2000m CAT III 600V;3000 CAT II 600V
- Size:200*155*76mm,Net Weight:about 500g



Technical Specifications for STEK ELCB / RCD Tester 1812

Trip-out time	x1 /ΔN300(slow 500ms)	±3ms	0.1ms
	x5 /ΔN40ms(slow 150ms)		
Trip-out current	(0.2~1.1)/ΔN	±0.1 /ΔN	0.05 /ΔN
Contact voltage	0~99.9V	±(10%+0.2V)	0.01,0.1V
Alternating Voltage (UI-N,UL-L,UL-E)	0~440V	±(3%+3V)	1V
Frequency	DC,45~65Hz	±1Hz	1Hz
Loop Resistance	0~19.9V	±(10%+0.2V)	0.01V
(RL)	10.0~99.9V		0.1V
RL Current Test	0.5/ΔN	±(10%+10d)	0.05/ΔN
Multiplying Power of test Current	x0.5,x1,x5		
Current Level (IΔN)	10mA,30mA,100mA		
	300mA,500mA		
Trigger Phase Angle	0°or 180°		

RCD Test Current Selection Table

IΔN(mA)	IΔX1/2 (mA)	IΔX1(mA)	IΔX5(mA)	Auto(mA)
10	5	10	50	10
30	15	30	150	30
100	50	100	500	100
300	150	300	1500	300
500	250	500	-----	500

