

TEL1TLB SOCKET/ELCB TESTER/POLARITY

- Live on earth indication (LCD Display)
- Polarity indication
- Identifies 6 wiring conditions
- Earth tripping function
- TEL13L (British Type 13A)
- Floating earth detection



- Ready-board compatible
- If wiring is incorrect and brass knob is touched, LCD will display a floating earth

Technical Specification

Rated Tripping Current	10,15,20,25,30,35mA
Resolution	5mA
Operation Voltage	220V

T810 Analogue ELCB

- Analogue display
- 50mA adjustable



Meter Supplied With Certificate of Conformance

Technical Specification

Rated Tripping Current	0-50mA
Operation Voltage (L-e)	195 ~230Vac
Display	Analogue
Accuracy	
Meter Accuracy	±3% of Full Scale
General	
Operation Temperature	-5°C ~ 45°C
Storage Temperature	-10°C ~ 85°C

Model Specification

Accessories	Carry Pouch
Dimensions (mm)	153(L) x 72(W) x 35(H)
Power Source	Power from Mains
Weight	345g

TEL25C ELCB/Polarity

- Taut band movement
- Wiring check
- Robust
- Two and three wire operation
- No batteries



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Technical Specification

Operating Voltage	550
ELCB current	10mA - 50mA
Current Selection	Knob
Frequency of Operation	50/60Hz
Accuracy	
Operating	550Vac @ ± 15%
Voltage (L-E)	1% (1mA)
Meter	±1% of full scale
Protection	
Operator Temperature	-5°C to 45°C
Fuse Protected	0,1A Fast Blow

Model Specification

Dimensions (mm)	170(L) x 165(W) x 92(H)
Power Source	Mains
Weight	970g

TEL28 Industrial ELCB

- Micro-processor controlled
- Fully programmable
- Direct readout of Time/Current
- Voltage measurement during test
- Suitable for Industrial, Mining and Domestic environments
- Each phase tested separately on a 3 phase system



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Technical Specification

Rated tripping current at 317 Volts	0 to 1000mA
Resolution	1mA
Operating voltage	100 to 450V AC
Maximum trip time	100 secs
Resolution	1m sec
Accuracy	
Rated trip current	1% (1mA)
Voltage measurement	1% (1V)
Rated trip time	1ms
Operating temperature	0°C to 40°C
Humidity (%)	80
Phase angle setting	0 & 180° selectable

Model Specification

Dimensions (mm)	170(L)x165(W)x92(H)
Power Source	8 x 1,5 AA Batteries
Weight	1,5kg

TEL11 ELCB/PHASE ROTATION TESTER

- Indicates phase presence
- Indicates phase rotation
- TEST for disconnection sensitivity
- TEST for disconnection time
- Select one of 3 phase to test ELCB
- Measure voltage phase to Earth
- Over temperature protection
- Phase polarity trip indicator



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Technical Specification	
Current Settings	999mAac/50Hz
Current Selection	Knob
Phase-start-selection	0° & 180°
Operation Voltage (L-e)	60Vac to 317Vac (525V System)
Timer Resolution	1mS (Max Time = 99.99s)
Current Resolution	1mA
Voltmeter Resolution	1V
Accuracy	
Earth Leakage Constant Current Iac	5 to 999 (mA) @50Hz
Ramping Current	5 to 999 (mA)
Sensitivity Disconnection Check	5 to 999 (mA)
Time Delay Disconnection Check(s)	0.001 - 99.999
Maximum Current Consumption	10mA
ELCB Voltage Measurement L-E (Vac)	10 to 330V
ELCB Tester Voltage Present (VELCB)	LED
ELCB Fuse (Slow Blow)	1.5A
Protection	
OverVoltage CLASS III	450V
Over Load between all terminals	550V
Battery OK goes off when battery voltage	<9Vdc

Model Specification	
Accessories	Test Leads x 2 (terminate own plug)
Dimensions (mm)	330(L) x 260(W) x 150(H)
Power Source	8 x C Batteries
Weight	2.0kg

Functions

This Test Instrument is a combination of 3 Phase Presence and Rotation Indicator combined with a 3 Phase Industrial Earth Leakage Tester and measures the current at which the breaker disconnects or the time taken to disconnect.

The Earth Leakage can be utilized on a Single Phase (up to 317Vac Line to Earth) or a 3 Phase Powered System (550V Line to Line or Phase to Phase) with a protective Earth conductor.



TELE10L Industrial ELCB

- Micro-processor
- Fully programmable. Direct readout - time or current
- Voltage measured during test
- Heavy duty carry case



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Technical Specification	
Rated Tripping Current	0-1000mA at 317 Volts
Lowest Resolution	1mA
System Voltage	380/550 volts
Maximum Trip Time	99.99 secs
Lowest Resolution	10ms
Accuracy	
Rated Trip Current	±1% reading ± 2 digits
Voltage Range	±1% reading ± 1 digits
Trip Time	±1% reading ± 2 digits
Operating Temp (°C)	0°C to 40°C
Humidity %	80

Model Specification	
Dimensions (mm)	330(L)x260(W)x150(H)
Power Source	6 x 1,5V Batteries
Weight	1.6kg

T4137 Digital Milliohm Meter

- Four terminal measurement
- Large LCD display
- 12V DC battery powered
- Robust lightweight case with O-ring seal



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Technical Specification		
Resistance Ranges	0 to 200Ω in steps of 100μΩ	Accuracy ±0,5% of reading ±2 digits
	0 to 2000mΩ in steps of 1Ω	
	0 to 20Ω in steps of 10Ω	
	0 to 200Ω in steps of 100mΩ	
	0 to 2000Ω in steps of 1Ω	
Test Current	1mA = 2000Ω range 10mA = 200Ω range 100mA = 2000mΩ range	
Maximum Output Voltage	20V rms	
Test Current Accuracy	±0,1%	

Model Specification	
Accessories	Test Leads Shoulder belt
Dimensions (mm)	250(L) x 190(W) x 110(H)
Power Source	8 x 1,5V AA Batteries
Weight	1500g

