Specification
TEK402/TEK404
Continuity Tester



Electrical

TEK402 Mk3

Probe voltage: 9V DC approx
Test current: 5mA
Continuity range (audible): up to 10kΩ nominal
Audible output level: 85dB minimum at 30cm with leads shorted
Overvoltage protection fuse rating: 50mA, 250V, Fast Acting Ceramic Fuse, 20mm x 5mm

TEK404 Mk3

Probe voltage: 9V DC approx. (open circuit probe voltage) 4.6V DC (loaded)
Test current: <50µA (across short circuit)
Continuity range: 0Ω to 2.2kΩ ± 10%
Audible output level: 85dB minimum at 30cm with leads shorted
LED indication: bright orange LED Buzzer and LED intensity reduce with increasing continuity resistance.
Alarm function threshold: >30V ± 20V DC & AC rms

Environmental

Temperature & humidity (Operating): -10 to 40°C at max 70% R.H.
(Storage): -10°C to 50°C ≤ 80% R.H.
Altitude: up to 2000m
Pollution degree 2

General

Power: 9V, PP3 alkaline battery (IEC 6LR61, NEDA 1604A),
Dimensions: 150(H) x 64(W) x 31(D) mm.
Weight: TEK402 Mk3 approx 264g (including leads, croc clips & battery)

Specification
TEK402/TEK404
Continuity Tester

TEK404 Mk2 approx 296g (including leads, croc clips & battery)

Includes: TL49 test leads with uninsulated crocodile clips (TEK402 only), TL47 test leads with insulated crocodile clips (TEK404 only), 9V battery, instructions

Safety

TEK402 Mk3 conforms to BS EN 61010-1, max 50 V to earth (no measurement category)
TEK404 Mk3 conforms to BS EN 61010-1 CAT III 600 V
Class II, double insulation

EMC

Conforms to BS EN 61326-1

SPECIFICATION FOR TL47 & TL49 TEST LEADS

Maximum voltage: 1000V AC/DC Maximum current: 10A continuous
Connector: 4mm banana plug with fixed shroud

Environmental

Temperature (operating & storage): 0°C to 40°C
Altitude: up to 2000m
Pollution degree 2

Safety (TL47)

Conforms to BS EN 61010-031,
Probe tip caps fitted - CAT IV 600V, CAT III 1000V, 10A
Probe tip caps removed - CAT II 1000V, 10A
Crocodile clip fitted - CAT III 600V, CAT II 1000V, 10A
Class II, double insulation

Safety (TL49)

Conforms to BS EN 61010-031,
Probe tip caps fitted - CAT III 1000V, 10A
Probe tip caps removed - CAT II 1000V, 10A
Crocodile clip fitted - Max 50 V to earth (no measurement category), 10A
Class II, double insulation

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- Digital Multimeters
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- Motor Maintenance Equipment
- Multifunction Testers
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- Pat Testers & Accessories
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