

KT5

Current & Voltage Tester



PRODUCT DATA SHEET

KT5

CURRENT & VOLTAGE TESTER

- 200A A AC
- 1000V AC
- 1500V DC
- Two pole voltage tester functionality
- Single pole voltage test
- Phase rotation
- Continuity test with adjustable threshold
- Non contact voltage test
- Captive probe for two pole test
- Backlight
- Torch
- Measurement hold
- Diode test
- Frequency
- Audible tones
- Vibration feedback
- IP64
- EN/IEC 61243-3:2014
- Cat IV 600V

ACCESSORIES

- Batteries
- Manual

OPTIONAL

Kitbag 3 – for safe isolation kit
KEWPROVE3 Proving unit
Kewlok – universal lock off device

SPECIFICATIONS

Voltage Range	1...1000V AC (15...800 Hz), 1...1500V DC(±)
LED nominal Voltage	120/230/400/690/1000V
LED tolerances	EN 61243-3
ELV indication LED	>50V AC, >120V DC
Response time	<1s at 100% of each nominal value
LCD Range	1...1000V, AC (15...800 Hz), 1...1500V DC(±)
LCD Resolution	0.1V (1...29.9V), 1V (30...1500V)
LCD Accuracy	±3% ±1.5V (1...29.9V) ±3% ±3dgt (30...1500V)
LCD Overrange indication	"OL"
Current Test	0.1...200A AC(+/-3%±5Dgt) Resolution 0.1A Frequency range 45...65 Hz
Safety current	Is<3.5 mA (at 1000V AC), <6mA at 1500V DC
Measurement Duty	30 s ON, 240 s OFF
Internal battery consumption	approx. 120 mA
Single-pole phase test voltage range	100...1000V AC (50/60 Hz)
Phase rotation test	170...1000V phase-to-phase, AC (40...70 Hz)
Continuity test	0...500 kΩ + 50%
Resistance measurement	0...100 kΩ; accuracy: ±5%±10dgt@25°C; resolution: 1 Ω (1-2000Ω) 1 kΩ (2-100 kΩ)
Frequency measurement	1...800 Hz ±5%±5dgt; resolution: 1 Hz
NCV Test	100...1000V AC (50/60 Hz)
Battery	3V (IEC LR03 1.5V x 2)
Temperature	-15...55°C operation; -20...70°C storage; No condensation
Humidity	max. 85% RH
Altitude	up to 2000 m
Overvoltage	CAT IV/600V, CAT III/1000V
Standard	EN/IEC 61243-3:2014
Protection	IP64