

## KT5

### Current & Voltage Tester



#### PRODUCT DATA SHEET

#### KT5

#### CURRENT & VOLTAGE TESTER

- 200A 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),<br>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)<br>±3% ±3dgt (30...1500V)  |
| LCD Overrange indication             | "OL"   |
| Current Test                         | 0.1...200A AC(+/-3%+5Dgt)<br>Resolution 0.1A<br>Frequency range 45...65 Hz             |
| Safety current                       | Is<3.5 mA (at 1000V AC),<br><6 mA 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;<br>resolution: 1 Ω (1-2000 Ω)<br>1 kΩ (2-100 kΩ) |
| Frequency measurement                | 1...800 Hz ±5%±5dgt;<br>resolution: 1 Hz   |
| NCV Test                             | 100...1000V AC (50/60 Hz)  |
| Battery                              | 3V (IEC LR03 1.5V x 2)   |
| Temperature                          | -15...55°C operation;<br>-20...70°C storage;<br>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   |