



PRODUCT DATA SHEET

KEWIS02

KT1780

- AC / DC voltage tests up to 690 V
- Continuity test with buzzer
- Clear luminous LEDs shine through voltage level
- Clear audible tone
- Phase rotation
- Bright torch light
- Fits into recessed terminals such as RCBOs without unscrewing any caps
- Self-diagnostic test
- Single Pole phase test
- Polarity indication

KEWPROVE3

- High output 690 V AC/DC
- Steps down voltage levels
- Essential for proving your two-pole voltage tester

KEWL0K

- One size fits all MCBs and most toggle main switches
- No need for separate lock and no keys required
- User selectable integral combination padlock
- Comes with two warning labels

KEWIS02 INCLUDES:

- KT1780 Two-pole voltage & continuity tester
- KEWPROVE3 High output proving unit
- KEWL0K Universal Lock Off device
- Carry Case with access to proving unit

PRODUCT INFO

- 117 x 90 x 320 Boxed (WxDxH mm)
- 825g Weight
- EAN 5060084081871

KEWIS02

Safe Isolation Kit



KT1780 SPECIFICATION

VOLTAGE TEST

Voltage Range	12 - 690V AC/DC
Peak Current	$I_s < 3.5\text{mA}$ (at 690V)
Internal Battery Consumption	Approx. 80mA (battery 3V, measuring 690V AC)
Battery Life	Approx. 1000 operations (30s ON/240s OFF duty)
Nominal Voltage	12/24/50/120/230/400/690V, AC (16~400Hz), DC (\pm)
Tolerance (Threshold voltage)	Light on at more than : $7 \pm 3\text{V}$ (12V LED), : $18 \pm 3\text{V}$ (24V LED), : $37.5 \pm 4\text{V}$ (50V) 75% \pm 5% of nominal voltage, (120/230/400/690V LED)
Response Time	<0.6s at 100% of each nominal voltage

SINGLE POLE PHASE TEST

Voltage Range	100~690V AC (45~100Hz)
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PHASE ROTATION TEST

System	Three-phase 4-wire system 200~690V phase-to-phase (100~400V earth-to-phase) AC 50/60Hz
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CONTINUITY TEST

Detection Range	0~400K Ω + 50% (23 \pm 5°C)
Test Current	Approx. 1.5 μ A (battery 3V, 0 Ω)
Internal Battery Consumption Approx.	80mA (battery 3V, 0 Ω)

GENERAL

Operating ref. conditions	-15~55°C no Condensation max 85% RH
Storage ref. condition	-20~70°C no Condensation, max 85% RH
Safety standards	IEC 61010-1:2010, IEC 61243-3:2010, IEC 601010-031:2008 Category: CAT III 690, CAT IV 600V pollution deg 2 IEC 61557-7:2007
IP Rating	IP65 (IEC60529)
Dimensions	243 x 64 x 26 mm
Weight	190g (including batteries)
Batteries	3V (2 x 1.5V AAA / LR03)