KEWTECH

KT1780

Two-pole Voltage & Continuity Tester



PRODUCT DATA SHEET

KT1780

- UK specific slender probe tips to GS38 and with no need to swap ends
- Designed to the new internatonal safety standards IEC 61243-3 / IEC 61010-1 Measurement Category CAT 1V 600V
- Clear oversize LED indication
- AC and DC voltage tests up to 690V
- Continuity test
- Clear audible tone
- Single pole phase test
- Polarity indication
- Phase rotation test
- Self diagonostic test
- Double moulding gives comfortable grip
- Auto power on/off
- Extra bright white light pen torch
- Probe cover protects user and probe tips
- IP65

ACCESSORIES

- Built in test leads
- Batteries
- Instruction Manual
- Certificate of Conformity

PRODUCT INFO

- 70 x 40 x 300 Boxed (WxDxH mm)
- 0.23kg Weight
- EAN 5060084081826
- Made in China

SPECIFICATION

VOLTAGE TEST

Voltage Range	12 - 690V AC/DC
Peak Current	Is <3.5mA (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 (±)
Tolerance (Threshold voltage)	Light on at more than : 7 ± 3V (12V LED), : 18 ± 3V (24V LED), : 37.5 ± 4V (50V) 75%±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)

PHASE ROTATION TEST

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

CONTINUITY TEST

Detection Range	0~400K Ω + 50% (23 ± 5°C)
Test Current	Approx. 1.5μA (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 polution 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)

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