

KT1710

Voltage Detector



PRODUCT DATA SHEET

KT1710

2 POLE VOLTAGE DETECTOR

- UK specific slender probe tips to GS38 and with no need to swap ends
- Designed to the international safety standards IEC 61243-3:2014
- Clear LED indication
- AC and DC voltage tests up to 690V
- Continuity test
- Clear audible tone
- Single pole phase test
- Double moulding gives comfortable grip
- Auto power on/off
- Probe cover protects user and probe tips
- IP54
- LED column lights up even without batteries

ACCESSORIES

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

OPTIONAL

- Calibration Certificate
- Kewprove3 - Proving Unit
- Kewlok - Locking Off Device

SPECIFICATIONS

VOLTAGE TEST

Voltage Range	12 - 690V AC/DC
Peak Current	$I_s < 3.5\text{mA}$ CAT 400V
Internal Battery Consumption	Approx. 80mA
Measurement Duty	30s ON/240s OFF duty
Nominal Voltage	12/24/50/120/230/400/690V, AC50~60 Hz, DC (\pm)
LED Tolerance	According to EN61243-3
Response Time	$< 0.5\text{s}$ at 100% of each nominal voltage

SINGLE POLE PHASE TEST

Voltage Range	100~690V AC (50/60Hz)
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CONTINUITY TEST

Detection Range	$0 \sim 500\text{K } \Omega + 50\%$ ($23 \pm 5^\circ\text{C}$)
Internal Battery Consumption	Approx. 80mA

GENERAL

Operating ref. conditions	$-15 \sim 55^\circ\text{C}$ no Condensation max 85% RH
Storage ref. condition	$-20 \sim 70^\circ\text{C}$ no Condensation, max 85% RH
Safety standards	IEC 61010-1:2010, IEC 61243-3:2014 Category: CAT III 600, CAT II 690V, pollution deg 2
IP Rating	IP54 (IEC60529)
Approx dimensions	215 x 58 x 25 mm
Weight	145g (including batteries)
Batteries	3V (2 x 1.5V AAA / R03)