



Key features

The kit includes:

- BZ101 – Buzz-It check plug with sounder for UK 13A sockets
- TEK101 – Non-contact voltage indicator with built in proving device
- VT7 – Single pole contact voltage tester suitable for use when wearing PPE
- MTL10 – Drummond AC/DC Test Lamp 600V CAT IV
- PD440 – 440V AC proving device
- TC71 – Hard carry case

The SMKIT10 is the complete solution to Smart Metering installation. It contains all the test tools needed to ensure safe isolation procedures and a wiring check can be implemented before, during and after installation.

The comprehensive kit includes a Buzz-It check plug for checking the wiring on 13A sockets, a non-contact voltage indicator with probe tip for identifying phase and neutral lines, and a single pole contact voltage tester suitable for use when wearing protective gloves and gauntlets. For CAT IV supply side safe isolation testing there is a Drummond test lamp with proving device. A hard carry case is included for the whole kit.

BZ101 230V Socket Tester with Audible Buzzer**Electrical**

Nominal operating voltage: 230V~ ±10%
Operating frequency: 30-70Hz
Power consumption: <3W
Power: from mains socket under test
Open earth/neutral indication: >50kΩ at 230VAC nominal

General

Dimensions: 65 x 65 x 47mm

Environmental

For indoor use only
Temperature (Operating & Storage): -10°C to 40°C,
at max. 60% RH
Pollution degree: 2
Altitude: <2000m

Safety

Conforms to BS EN 61010-1, CAT II 300V

TEK101 Non Contact Voltage Detector**Environmental**

Temperature (Operating & Storage): -10°C to 40°C
Humidity (Operating & Storage): ≤ 85% R.H.
Altitude: up to 2000m
Pollution degree: 2

General

Power: 9V, PP3 alkaline battery (IEC 6LR61, NEDA 1604A)
Current consumption: 34mA max
Dimensions: 205 x 36 x 25 mm
Weight: approx. 120g (battery included)

Safety

Conforms to BS EN61010-1, CAT IV 1000V
Class II, double insulation

EMC

Conforms to BS EN61326-1

VT7 Single Pole Voltage Indicator**Electrical**

Audible and visual indication
Voltage range: 50V - 600V AC RMS nominal
Frequency range: 50 - 60Hz
Test current: <5μA

Environmental

Location: Suitable for indoor use & outdoor use in dry weather conditions only
Temperature: (Operating & Storage): -10°C to 55°C
Humidity: (Operating & Storage): ≤ 85% R.H.
Altitude: up to 2000m
Pollution Degree: 2

General

Power: 9V, PP3 alkaline battery (IEC 6LR61, NEDA 1604A)
Dimensions: 236(L) x 44(W) x 33(D) mm
Weight: 120g (battery included) approx.
Includes: 9V PP3 battery, instructions

Safety

Conforms to BS EN 61010-1 CAT IV 300V, CAT III 600V
Class II, Double Insulation

EMC

Conforms to BS EN 61326-1

Drummond MTL10 Test Lamp**Electrical**

Maximum working voltage: 500V AC, 750V DC
Nominal voltage threshold indications: 50, 120, 230, 400V AC/DC
Internal impedance at ELV a.c.: 16kΩ
Range detection: Automatic
Response time: <0.1s
Frequency range: DC, 40-65Hz
Test current: <3.5mA
Duty ratio: 30s ON (operated) / 240s OFF (recovery)

Environmental

Temperature (Operating & Storage):
-10°C to 55°C
Humidity (Operating & Storage):
≤ 85% R.H.
Altitude: up to 2000m
Pollution degree: 2

General

Power: from circuit under test
Dimensions: 213(L) x 112(W) x 72(D) mm
Weight packed: 320g approx
Includes:
– 2 x straight prods
– 1 x L-shaped prod
– Instructions

Safety

Conforms to BS EN 61243-3:2014, CAT IV 600V
Probe tips comply with GS38
Class II, double insulation
IP rating: IP64

PD440S 440V AC Proving Unit**Electrical**

Output voltage: 440V nominal
Output frequency: 50Hz nominal
Voltage output times out after approximately 10s.
Output loading: See typical output voltage vs. loading graph

Environmental

Operating temperature: -10°C to 40°C at max. 70% R.H.
Altitude: up to 2000m
Pollution degree: 2

General

Power: Internal batteries
Internal batteries: 6 x 1.5V, AA alkaline batteries (IEC LR6, NEDA 15A)
Dimensions: 150 x 80 x 35mm.
Weight packed: 410g approx. with batteries
Includes: 6 x 1.5V AA alkaline batteries, instructions

Related products

SMKIT5 smart meter installation kit
SMKIT20 smart meter installation kit

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