



Key features

The kit includes:

- 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
- PD440S – 440V AC proving device
- TC71 – Hard carry case

The SMKIT5 is the complete solution to enable safe working practices during the installation of Smart Meters, suitable for international markets. It contains all the test tools needed to ensure safe isolation procedures can be implemented during the installation process.

The comprehensive kit includes 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.

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

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

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

Related products

SMKIT10 smart meter installation kit

SMKIT20 smart meter installation kit

Imperial Way, Watford WD24 4PP.

T: +44 (0)1923 44 17 17

www.martindale-electric.co.uk

sales@martindale-electric.co.uk

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