Technical Data

TB118KIT1

Complete electrical safety kit for gas engineers

Key features

- Complete electrical safety kits for gas installation and service engineers
- All in one solution for earth verification, locking off and proving dead
- Includes voltage indicator, proving unit, locking off devices and earth checker
- Slimline and miniature push pin MCB lock outs and fused spur locking off device
- Essential for compliance with Electricity at Work Regulations for safe working and TB118

In 2018 Gas Safe Register Technical Bulletin 118 was amended. The changes require new test procedures to keep service engineers safe from electrical hazards. Starting from July 2020 Gas Safe registration will require knowledge and competency in how to safely isolate the electrical supply to appliances.

Martindale TB118KIT1 includes all the essential test tools for gas safety engineers to achieve compliance. The new kit combines easy to use tools for live voltage indication and earth loop verification together with fused spur and MCB locking off devices in a high quality soft carry case.

The full kit compromises of:

LOKKITGAS1

- Four essential locking off devices, LOK10, LOK11, LOK7 for MCBs and LOKFS1 for fused spurs
- Padlock, pen tag and carry case

VIPD138

- Voltage indicator and matching proving unit for safe and simple voltage indication
- Combination carry case

EZ650

- Earth loop resistance and polarity checker for socket and spur testing

TC88

- Soft carry case with shoulder strap

MARTINDALE ELECTRIC
Keeping You Safe

TB118KIT1

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Specifications

VI13800 Voltage Indicator

Electrical
Nominal voltage range: 50 - 600V DC/AC rms
Nominal voltage threshold indications:
50, 100, 200, 400 V DC/AC rms
Voltage threshold tolerance:
Conforms to BS EN 61243-3
Internal impedance at ELV a.c.: 214kΩ
Polarity & voltage indication: ≥ 12V DC/AC rms
AC/DC voltage detection: automatic
Range detection: automatic
Response time: <0.1s
Frequency range: DC, 1 - 400Hz
Test current: < 3.5mA at 600V DC/AC rms
Duty ratio: 30s ON (operated) / 240s OFF (recovery)
Environmental
Temperature & Humidity (Operating & Storage): -10°C to 55°C ≤ 85% R.H.
Altitude: up to 2000m
General
Power: From circuit under test
Dimensions: 205(L) x 67(W) x 27(D) mm
Weight: 130g approx.
Safety
Conforms to BS EN 61243-3 CAT IV 600 V
Class II, Double Insulation
Pollution Degree 2
IP rating: IP54
EMC
Conforms to BS EN 61326-1

PD440 Proving Unit

Output voltage: 440V nominal
Output frequency: 50Hz nominal
Environmental
Operating temperature: -10°C to 40°C at max. 70% R.H.
Altitude: up to 2000m
Pollution degree: 2
General
Power: internal batteries or external power source
Internal batteries: 6 x 1.5V, AA alkaline batteries (IEC LR6, NEDA 15A)
External power source: 12V DC max. at 2A min.
External power socket: 2.5mm jack socket, centre positive
Dimensions: 143 x 84 x 50mm.
Weight packed: 400g approx. with batteries
Includes: 6 x 1.5V AA alkaline batteries, instructions

EZ650 Advanced Socket and Spur Tester

EZ650 E-Ze Check Xtra Pro is supplied with an IEC socket with an interchangeable 3 pin adaptor and a 3 way flying lead with croc clips allowing testing at sockets, fused spurs, light fittings, junction boxes and terminals.

Nominal operating voltage: 230V
Frequency: 50Hz
Non-trip Earth loop impedance ranges: 0-1.7-5-10-100-200-500Ω
Earth loop threshold accuracy: ±(10% + 0.3Ω)*
Voltage low indication: <195V ± 5%
Voltage high indication: >270V ± 5%
Earth neutral voltage high indication: >30V ± 5%
Open earth indication: >500Ω
Temperature Range: -10 to 40°C, non-condensing
Dimensions: 315mm x 260mm x 85mm
Weight: Approx 250g
Power supply: From mains
Power consumption: <2.5W
Overvoltage category: Cat II / 300V
Pollution degree: 2
Safety: Complies with BS EN 61010-1

* Note: Measurement accuracy can be affected by highly inductive or capacitive loads distributed on the supply

LOKKITGAS1 Gas Engineer Lockout Kit

The 8 piece lock out kit contains the following items:
1 x Padlock with unique key (PAD11RD)
1 x Steel safety hasp (LOKHASP25)
1 x Slimline grey isolation lock (LOK7)
1 x Red miniature push pin MCB lock (LOK11)
1 x Yellow push pin MCB lock (LOK10)
1 x “Equipment Locked Out” tag which can be overwritten
1 x Black marker pen (LOKMP)
1 x Soft carry case (TC55)

Included
EZ650 Earth loop impedance & socket tester, LOKKITGAS1 Gas engineer lockout kit, VIPD138 Voltage indicator & proving unit kit, TC88 Soft carry case

Optional Accessories
TAG4 Pack of 10 lock out kit tags

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Ver. A2.0

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