

DRUMMOND

MTL15PD Test Lamp & Proving Device Kit

Test Lamp

MTL15



CAT IV
1000V

IMPORTANT: Test lamps should always be tested with a proving unit or known live source before and after use.

Proving Device

PD690



The Drummond MTL15 has a CAT IV safety rating making it suitable for supply side applications in all installation categories as defined in BS EN 61010. High intensity LEDs indicate 4 voltage thresholds from 50V to 690V over a 360° viewing angle.

SPECIFICATION

Electrical

Maximum working voltage: 1000V AC/DC
Nominal voltage threshold indications: 50, 230, 400, 690V AC/DC
Internal impedance at ELV a.c.: 30kΩ
Range detection: Automatic
Response time: <0.1s
Frequency range: DC, 40-65Hz
Test current: <3.5mA at 1000V AC/DC
Duty ratio: 30s ON (operated) / 240s OFF (recovery)

Environmental

Temperature (Operating & Storage): -10°C to 55°C ≤ 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 straight prods, 2 long straight prods, 1 long angled prod, 1 L-shaped prod and instructions to GS38

Safety

Conforms to BS EN 61243-3:2014 CAT IV 1000V
Class II, double insulation
IP rating: IP64

EMC

Conforms to BS EN 61326-1

The PD690 proving device produces 700V AC/DC to enable voltage indicators and other devices with ranges up to 700V to be checked. It is a portable, battery powered proving unit with the option of being driven from a 12V supply via a car or mains power supply. The kit is supplied with a combination carry case for both test lamp and proving unit.

Suitable for: Drummond Test Lamps, Digital Multimeters, Low Impedance Voltage Testers (LCD display).

SPECIFICATION

Output voltage: 700V 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

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Metrohm House, Imperial Park, Imperial Way, Watford, WD24 4PP. Tel: 01923 441717 Fax: 01923 446900
E-mail: sales@martindale-electric.co.uk Web site: <http://www.martindale-electric.co.uk> rev1