

**CAT IV**
600V

Key features

- Four illuminated bands for 360° AC/DC voltage indication
- Simple with no batteries or ranges
- High intensity long life LEDs
- 3 interchangeable GS38 probes
- Double insulated cable with contrasting core to identify damage

Additional features MTL20:

- Twin test buttons eliminate phantom voltages

PD440S

- Ideal for proving low and high impedance voltage indicators, test lamps and two pole testers
- Tough low profile design
- Long battery life with low battery indicator and auto power off

Safe isolation procedures require voltage indicators to be proved against a known source both before and after use. As the UK market leader in safe isolation, Martindale supplies a kit with both the John Drummond Test Lamp and matching Proving Unit. This is all housed in a TC71 carry case with a neck strap, making it easy to carry and use the equipment on site.

Our test lamps have been designed to safely prove dead in all areas including CAT IV supply side applications. High intensity LEDs illuminate 4 distinct bands at different voltage thresholds to provide a 360° viewing angle even in bright sunlight. This allows accurate identification of potentially lethal voltages and distinguishes between 110V, 230V and phase to phase voltages. The MTL20 has a low impedance mode to safely dissipate phantom voltages.

The test lamps are supplied with interchangeable test probes for safe and easy measurement in all types of application particularly where access is restricted. The right angled probe can be rotated through 90, 180 and 270 degrees and locked in position.

Additional safety features include finger guards and a two layer double insulated cable with contrasting inner sheath, making it easy to identify cable damage.

Prove your test lamp is working with our new, compact PD440S proving device, now with auto shut off. This unit enables voltage indicators and other devices with ranges up to 440V to be checked.



Keeping You Safe

Drummond MTL Series Test Lamps

Specifications

FUNCTION	MTL10	MTL20/B
ELECTRICAL		
Maximum working voltage	500V AC rms, 750V DC	
Nominal voltage threshold indications	50, 120, 230, 400V AC/DC rms	
Nominal voltage threshold tolerance	Conforms to BS EN 61243-3	
Range detection	Automatic	
Response time	<0.1s	
Frequency range	DC, 40-65Hz	
Test current (in)	<3.5mA at 500V AC rms, 750V DC	
Test current (switches operated)	-	approx. 28mA at 230V AC rms, DC approx. 60mA at 500V AC rms, DC
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	
Pollution degree	2	
IP rating	IP64	
GENERAL		
Power	from circuit under test	
Dimensions	213(L) x 112(W) x 72(D) mm	
Weight	320g approx.	350g approx.
SAFETY		
	BS EN 61243-3 (2010)	
Conforms to	BS EN 61010-1 CAT IV 600V Class II, double insulation	
	Probe tips comply with GS38	
EMC		
Conforms to	BS EN 61326-1	
Recommended proving unit	440V – PD440S	

PD440S

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

Internal batteries: 6 x 1.5V, AA alkaline batteries (IEC LR6, NEDA 15A)
Dimensions: 150 x 80 x 35mm
Weight packed: 350g approx. with batteries
Includes: 6 x 1.5V AA alkaline batteries, instructions

Included

MTL10PDS 400V test lamp: 2 straight prods, 1 L-shaped prod and instruction manual, proving unit & combination carry case

MTL20PDS 400V test lamp: 2 straight prods, 1 L-shaped prod and instruction manual, proving unit & combination carry case

Accessories

MTL2103 30mm straight probe, **MTL2106** 130mm straight probe, **MTL2107** 130mm angled probe

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