



**P&B Weir Electrical Ltd.**



**Voltage Detectors  
2018**

# Voltage Detectors

The PBwel range of Voltage Detectors has a **proven track record** of many years service. As well as supplying a standard range of **approved equipment**, PBwel also have the capability to design **new solutions** for any transformer protection requirement.



Our range of Voltage Detectors includes many sizes and configurations, accessories and bags.



**FOR A LIFE ON THE LINE**

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### Beacon Voltage Detectors

The Beacon range of Voltage Detectors from PBweir is available in a range of 5-12kV or 10-36kV.



The Beacon is designed for both indoor and outdoor use as the circuitry is housed within a durable plastic moulded body.

With an audible alarm, and visible warning light, the Beacon is simple to use, and is suitable in poor visibility.

The unit is a capacitive type and does not require a down-lead, which greatly reduces the risk to the operator caused where fault protection can be grounded.

#### Benefits

- Built-in Test Facility
- Battery Operated (easy to change)
- Rugged construction
- Lightweight

#### Supplied with

- Durable Case
- Y Contact Probe
- Universal Castellated Adaptor
- Long Taper Operating Socket Adaptor



## DS/MS/VA Voltage Detector

The DS/MS/VA Voltage detector range is suitable for 3.3kV, 5-12kV or 10-35kV.



The DS/MS/VA comes in five main components-

- The **Contact Probe** can be supplied as a Mushroom, Pointer or "Y" probe.
- The **Extension** can be supplied to suit the relevant range of voltage.
- The **Adaptor** can be supplied at an angle of 90° or 60°.
- The **Main Body** houses the voltage detector.
- The **Handle** provides suitable insulation from the voltage being tested, and provides storage for the main body when not in use.

### Benefits

- Robust construction
- Lightweight
- Fully interchangeable components
- Audible and Visual warning



## WD6B/D3 Voltage Detectors

The WD6B/D3 range of Voltage Detectors from PBwel is available in the ranges of 5-12kV, 10-36kV, and 50-140kV.



The WD6B/D3 is a robust construction, the circuitry is housed within the tubular body. The unit is suitable for fitting to any Pole section as a large range of adaptors is available.

Voltages are indicated with an audible and visual warning, and the light is bright enough so that it can be seen in poor visibility conditions.

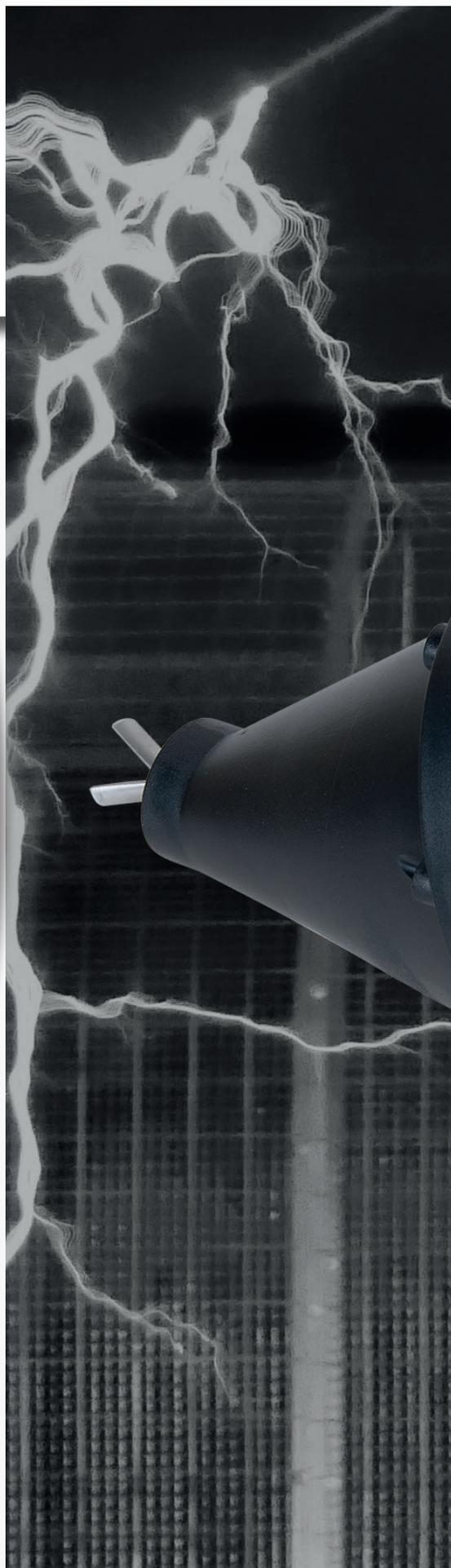
### Benefits

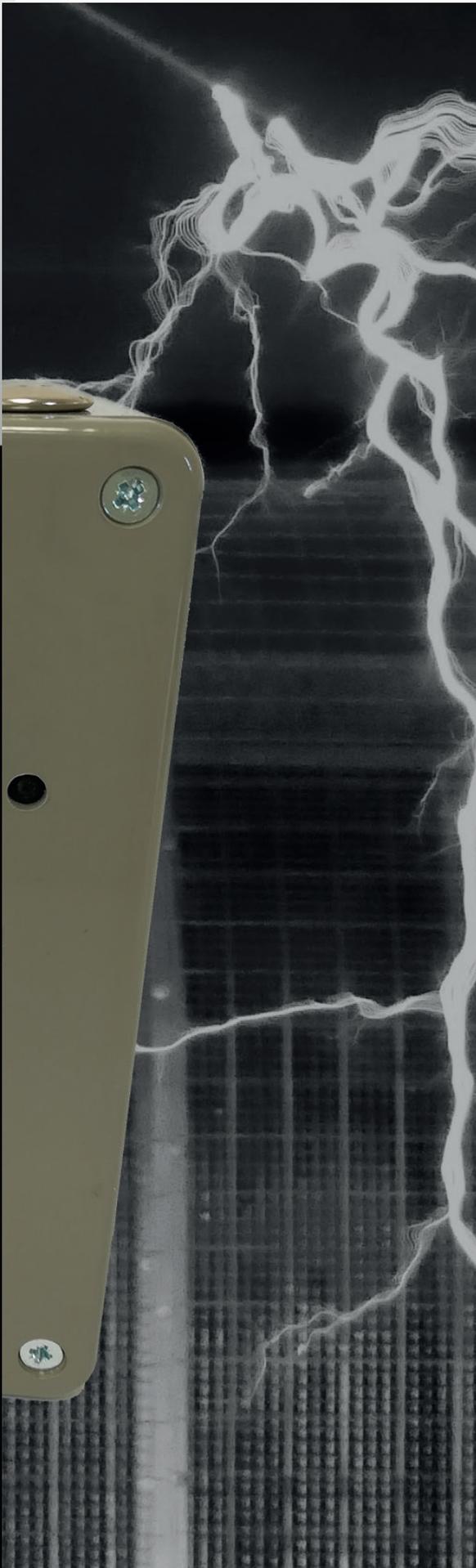
Visible and audible detection

Self-Test function

Battery Operated

Rugged construction





## MD Proving Unit

The MD Proving Unit provides an easy and safe way to test the operation of a Voltage Detector.



The unit produces a high voltage output at a high frequency making the unit safe for use. The HV coil is encased within an epoxy resin shell which keeps it free from dirt and other contaminants.

The rubber button is large enough to use whilst wearing gloves, and the unit is then pressed against the contact probe. The Voltage Detector should then operate under voltage conditions if it is working correctly.

### Benefits

Robust construction

Lightweight

Easy to use

Compact for storage and transport



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