MTag DR

1 - 69 kV voltage detector (Dual Range)

STANDARD

IEC 61243-1 ***VOLTAGE DETECTORS CAPACITIVE TYPE TO BE USED FOR VOLTAGES EXCEEDING 1 kV A.C.***

CE: Compliance with European directives.

This Go No Go Contact voltage detector is designed for "proving dead", making sure that nominal voltage is actually absent on a circuit of an HV distribution system, It's two operating ranges are calibrated according to IEC recommendations between 1 kV and 69 kV:

- The device will detect any nominal voltage in contact with the part of the installation to be tested on overhead lines and substations.
- It will not indicate voltage presence when detecting induced voltages in order to allow grounding operations.

ADVANTAGES

2 in 1: This dual range detector acts as 2 voltage detectors with 2 separated ranges: lower range and upper range.

The presence of nominal voltage within the calibrated ranges is indicated as shown below:

- Two ***RED*** led lights and a beeping sound = Nominal voltage detected within the lower range

- Four ***RED*** led lights and a beeping sound = Nominal voltage detected within the upper range

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Optimised indications that can be understood clearly in all working conditions:

- The visual indication is visible in all usual working environments, in sunlight or fog, with a wide angle of visibility and from the side thanks to an optic ring.

- The 100 dB sound signal is designed to remains audible even in traffic or strong wind, thanks to its acoustic “horn”.

Direct access to the battery and sealed electronics compartment. When the battery is replaced, this design prevents the following:

- accidental interchange of housing or circuitry;
- damage to electronic circuits;
- Humidity ingress into the device when the battery is replaced outdoors.

TECHNICAL SPECIFICATIONS

Two operating ranges can be chosen between 1 and 69 kV (voltage ranges calibrated according to IEC recommendations)

- Network frequency: 50 and 60 Hz
- Permanent standby status with automatic wake-up function
- Complies to bridging test indoor and outdoor: no flashover when inserted between two live parts
- Presence of operating voltage indicated by **RED** flashing lights indication flashing and an intermittent audible signal
- Self-test OK: the OK status (ready for use) of the device is indicated by ***GREEN*** lights.
- The self-test checks all the circuits, the reference detection level and the battery voltage.
- The “ready for use” state is indicated by the green indication for 1.5 minutes.
- A low battery voltage is indicated by an ***ORANGE*** light.
- Designed for outdoor and indoor use
- Operating temperature: -25 ° C to +55 ° C
- Humidity: 96 % max.
- Power supply voltage: 9 V alkaline cell – IEC 6LR61
- Accepts the use of rechargeable battery with identical supply voltage
- Yellow polycarbonate housing
- Dimensions: Ø 59 mm, L = 280 mm without the contact electrode
- Net weight: 0,390 kg with stick adaptor
- Operating manual with a choice of languages, depending on the package.

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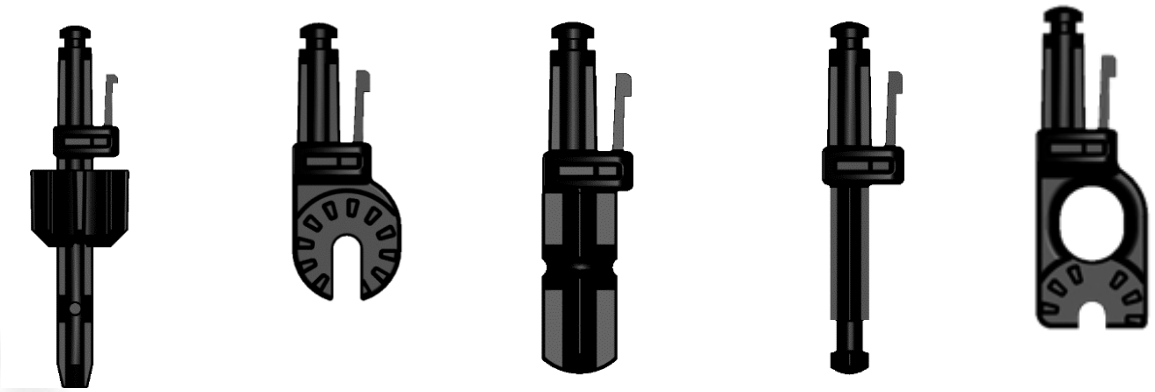
ACCESSORIES

- METAL CASE

- SOFT CASE WITH CONDUCTIVE LINING for an EMC protection equivalent to metal case one.

- REPLACEABLE ADAPTOR FOR DIFFERENT STICKS END FITTING

ADVECBV * **ADVECU *** **ADVECEAM *** **ADVECAPV *** **ADVECUCR ***



**Other stick adaptor available on required*

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