



## ■ MTAG

### ➔ 1 - 69 kV voltage detector (Single Range)

#### ▶ STANDARD

IEC 61243-1 VOLTAGE DETECTORS

**CAPACITIVE TYPE TO BE USED FOR VOLTAGES EXCEEDING 1 kV A.C.**

CE: Compliance with European directives.

These voltage detectors are designed for “proving dead”, making sure that nominal voltage is actually absent on a circuit in an HV distribution system between 1 kV and 69 kV (no-voltage verification):

- The device will detect any nominal voltage on over head lines and stations.
- It will avoid detecting most induced voltages in order to allow grounding operations.

#### ADVANTAGES

**Optimised indication** 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 remain 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.



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## ▶ TECHNICAL SPECIFICATIONS

**AC voltage range possible choice from 1 to 69 kV**

**Network frequency: 50 and 60 Hz**

- Permanent standby status with automatic wake-up function
- The presence of voltage within the calibrated range or above is indicated by a **RED** light and a beeping sound.
- Self-test OK: the OK status (ready for use) of the device is indicated by a **GREEN** light.
- 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 level 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

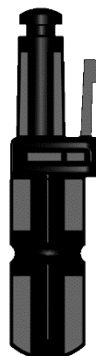
ADVECBV \*



ADVECU \*



ADVECEAM \*



ADVECAPV \*



Reference	Voltage range	Frequency	Housing color	End fitting *	Contact Electrode	User's Manual **	Packaging ***
MTAG0104FHUA	1 – 4 kV	50 / 60 Hz	Yellow	Universal & APV	V56	Pack F	Soft case with conductive lining for EMC protection
MTAG0310FHUA	3 – 10 kV						
MTAG1036FHUA	10 – 36 kV						
MTAG2069FHUA	20 – 69 kV						

\* Other stick adaptor available on required

\*\* Pack F : FR/GB/DE/ES/PT/PL -- Pack G : GB/GR/NL/BG/IT/AR/TR

\*\*\* Metal case version available on required

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