



See online
technical sheet

/ MTAG

MV Voltage detector MTAG



/ Standards

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

/ Use

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 overhead lines and stations.
- It will avoid detecting most induced voltages in order to allow grounding operations.

electrical-detection / MTAG  / penta-catchphrase-complement

/ Advantages

- Loud indication sound (the 100 dB at 1m)
- The visual indication is visible in all positions
- Direct access to the battery and sealed electronics compartment (IP65)
- 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 2 minutes
- A low battery level is indicated by an ORANGE light
- Removable and interchangeable stick end fitting

/ Areas of activity

- | | |
|--|---|
|  Electrical distribution |  Substation |
|  Industry |  Electric traction |
|  Production |  Transport |

/ Technical specifications

- Power type : Alternating power
- Network frequency (Hz) : 50/60
- Condition of use : Inside, Outside
- Temperature of use (C°) : -25...+55
- Humidity (Max) (%) : 96
- Battery type : 9V battery (x1)
- Case material : Polycarbonate
- Color : Yellow
- Measurement (mm) : 280 x 59 x 59
- Weight (kg) : 0.390
- Acoustic sound level (dB) : 100 dB



/ Accessories

	Reference	Designation
	Les perches conformes à la CEI60855-1 et CEI61235	INSULATING TUBES

/ Table legend

Other stick adaptors available on request.
Metal case available on request.

Product reference	Voltage range	Packaging	Notice	Electrode type (mm)	Connector type
MTAG0104FHUA	1-4	Soft case with conductive lining for EMC protection	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG0310FHUA	3-10	Soft case with conductive lining for EMC protection	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG1036FHUA	10-36	Soft case with conductive lining for EMC protection	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG2069FHUA	20-69	Soft case with conductive lining for EMC protection	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG1036FCUA	10-36	Metal case	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG1030FCUA	10-30	Metal case	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG0104FCUA	1-4	Metal case	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG0310FCUA	3-10	Metal case	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG2069FHUA	20-69	Soft case with conductive lining for EMC protection	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG0104GCUA	1-4	Metal case	PACK G (GB/GR/NL/BG/IT/AR/TR)	V56	Universal (U), APV
MTAG0520FCUA	5-20	Metal case	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG0104GHUA	1-4	Soft case with conductive lining for EMC protection	PACK G (GB/GR/NL/BG/IT/AR/TR)	V56	Universal (U), APV
MTAG0310GCUA	3-10	Metal case	PACK G (GB/GR/NL/BG/IT/AR/TR)	V56	Universal (U), APV

Product reference	Voltage range	Packaging	Notice	Electrode type (mm)	Connector type
MTAG0310GHUA	3-10	Soft case with conductive lining for EMC protection	PACK G (GB/GR/NL/BG/IT/AR/TR)	V56	Universal (U), APV
MTAG0520FHUA	5-20	Soft case with conductive lining for EMC protection	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG0520GCUA	5-20	Metal case	PACK G (GB/GR/NL/BG/IT/AR/TR)	V56	Universal (U), APV
MTAG0520GHUA	5-20	Soft case with conductive lining for EMC protection	PACK G (GB/GR/NL/BG/IT/AR/TR)	V56	Universal (U), APV
MTAG1030FHUA	10-30	Soft case with conductive lining for EMC protection	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG1030GCUA	10-30	Metal case	PACK G (GB/GR/NL/BG/IT/AR/TR)	V56	Universal (U), APV
MTAG1036GCUA	10-36	Metal case	PACK G (GB/GR/NL/BG/IT/AR/TR)	V56	Universal (U), APV
MTAG1133FCUA	11-33	Metal case	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG1133FHUA	11-33	Soft case with conductive lining for EMC protection	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG1133GCUA	11-33	Metal case	PACK G (GB/GR/NL/BG/IT/AR/TR)	V56	Universal (U), APV
MTAG1545FCUA	15-45	Metal case	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG1545FHUA	15-45	Soft case with conductive lining for EMC protection	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG1545GCUA	15-45	Metal case	PACK G (GB/GR/NL/BG/IT/AR/TR)	V56	Universal (U), APV
MTAG2069FCUA	20-69	Metal case	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG2069GCUA	20-69	Metal case	PACK G (GB/GR/NL/BG/IT/AR/TR)	V56	Universal (U), APV
MTAG0312GHUA	3-12	Soft case with conductive lining for EMC protection	PACK G (GB/GR/NL/BG/IT/AR/TR)	V56	Universal (U), APV

Product reference	Voltage range	Packaging	Notice	Electrode type (mm)	Connector type
MTAG1030GHUA	10-30	Soft case with conductive lining for EMC protection	PACK G (GB/GR/NL/BG/IT/AR/TR)	V56	Universal (U), APV
MTAG1036GHUA	10-36	Soft case with conductive lining for EMC protection	PACK G (GB/GR/NL/BG/IT/AR/TR)	V56	Universal (U), APV
MTAG1133GHUA	11-33	Soft case with conductive lining for EMC protection	PACK G (GB/GR/NL/BG/IT/AR/TR)	V56	Universal (U), APV
MTAG1545GHUA	15-45	Soft case with conductive lining for EMC protection	PACK G (GB/GR/NL/BG/IT/AR/TR)	V56	Universal (U), APV
MTAG2069GHUA	20-69	Soft case with conductive lining for EMC protection	PACK G (GB/GR/NL/BG/IT/AR/TR)	V56	Universal (U), APV
MTAG0310FHB	3-10	Soft case with conductive lining for EMC protection	PACK F (FR/GB/DE/ES/PT/PL)	V56	Stick
MTAG0412FCUA	4-12	Metal case	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG0625FCUA	6-25	Metal case	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG1036FHB	10-36	Soft case with conductive lining for EMC protection	PACK F (FR/GB/DE/ES/PT/PL)	V56	Stick
MTAG1345FCUA	13-45	Metal case	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG1566FCUA	15-66	Metal case	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV
MTAG2069FHB	20-69	Soft case with conductive lining for EMC protection	PACK F (FR/GB/DE/ES/PT/PL)	V56	Stick
MTAG1036FCUA-FR	10-36	Metal case	PACK F (FR/GB/DE/ES/PT/PL)	Universal	Universal (U), APV
MTAG1036FHUA-FR	10-36	Soft case with conductive lining for EMC protection	PACK F (FR/GB/DE/ES/PT/PL)	Universal	Universal (U), APV
MTAG1545FHUA-FR	15-45	Soft case with conductive lining for EMC protection	PACK F (FR/GB/DE/ES/PT/PL)	Universal	Universal (U), APV
MTAG2020FHUA-FR	20	Soft case with conductive lining for EMC protection	PACK F (FR/GB/DE/ES/PT/PL)	Universal	Universal (U), APV

Product reference	Voltage range	Packaging	Notice	Electrode type (mm)	Connector type
MTAG0622FCUA	6-22	Metal case	PACK F (FR/GB/DE/ES/PT/PL)	V56	Universal (U), APV