/ HTAG225400F5C

Voltage detector HTAG

See online technical sheet

/ Standards

IEC 61243-1 (2009) VOLTAGE DETECTORS CAPACITIVE TYPE TO BE USED FOR VOLTAGES EXCEEDING 1 kV A.C. CE: Compliance with European directives.

/ Use

These voltage detectors are designed for making sure that nominal voltage is indeed absent in a circuit in an HV system between 50 kV and 765 kV (no-voltage verification):
• The device must detect any nominal voltage in a system or station.
• It makes it possible to avoid detecting induced voltages in order to allow earthing operations.

/ Technical specifications

AC voltage range possible choice from 50 to 765 kV Network frequency: 50 or 60 Hz (to be specified with the order)
• Permanent standby status with automatic wake-up function
• The presence of voltage within the calibrated range or above makes a RED indicator light up, and an audio signal is generated.
• Self-test OK: the OK status (ready for use) of the device is indicated by a GREEN indicator lamp.
• The self-test checks all the circuits, the reference detection level and the cell voltage.
• The self-test is repeated automatically throughout the ready for use state as indicated by the green indicator lamp (for 1.5 minutes).
• The battery low level is indicated by a dedicated ORANGE LED indicator going on.
• Designed for outdoor use
• Operating temperature: -25 °C to +55 °C
• Humidity: 96 % max.
• Power supply voltage: 9 V alkaline cell - IEC 6LR61
• Accepts the use of accumulators with identical supply voltage
• Yellow or red polycarbonate housing
• Dimensions: Ø 80 mm, L = 225 mm without the electrode
• Net weight: 0.618 kg with stick end fitting, without electrode
• Operating manual with a choice of languages, depending on the package.
• Package with three electrodes : 2 hooks: Ø 60 mm (AC 60) and Ø 120 mm (AC 120) and 1 straight electrode (D 100).

/ Table legend

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

Advantages

Optimised indication that can be understood clearly in all working conditions:
• The indicator light is visible in all usual workingenvironments, in sunlight or fog, with a wide visibilityangle.
• The 100 dB sound signal (from 1 metre) remainsaudible even over the noise of traffic or strong wind, thanks to natural conduction by an acoustic “horn”.
Direct access to the cell and sealed electronicscompartment. When the cell is replaced, this designprevents the following:
• accidental interchange of housing or circuitry;
• damage to electronic circuits;
• entry of humidity into the device when the cell ischanged outdoors.