Acoustic pinpointing system

The acoustic pinpointing fault location system Kamphone is a ground sound microphone and is used for pinpointing of flash-over faults in power cables. It consists of a receiver, a sensor and headphones. Three search methods are available: acoustic pinpoin-ting, coincidence and relative distance measurement. The display of the receiver can be used to call different information. The innovative digital signal processing and a simple, well-designed operating concept enables a quick and precise fault location.

- *User-friendly, ergonomic, light*
- *Innovative signal processing*
- *Large, clear display*

FEATURES

- separate amplification of sensor signal and headphone volume
- suppression of disturbances (e.g. traffic noise) using four connectable band-pass filters
- integrated coincidence coil in the sensor housing
- optical display of magnetic and acoustic signal strength
- optical display of magnetic and acoustic triggering
- simple tracing option with a magnetic channel
- display of the battery status in %
- display of the measured value until the next trigger is initiated

SPECIFICATIONS: Kamphone

Operating modes

- methods ..... acoustic pinpointing
  ..... coincidence measurement (magnetic channel)
  ..... relative distance measurement 0 – 139.9 ms

Specific characteristics

- amplification acoustic channel ..... 68 dB
- amplification magnetic channel ..... 44 dB
- selectable filter ranges in the acoustic channel ..... 120 Hz ... 800 Hz, 120 Hz ... 1800 Hz, 270 Hz ... 1500 Hz, 500 Hz ... 3000 Hz, linear transmission
- display ..... graphic LC display, resolution 128 x 64 pixels, add-on background illumination

Power supply

- voltage ..... 4 pieces round cells, type IEC R6 (AA), 2000 mAH
- output power ..... continuous output power = 0.07 W
- operating time ..... > 10 hours

Environmental

- operating temperature ..... 0 °C ... +50 °C
- IP-rating ..... IP 54

SCOPE OF SUPPLY

- receiver
- headphone
- sensor inclusive three leg plate
- carrying rod and spike
- 4 round cells mignon
- bag
- user manual

Optional accessories

- 4 rechargable NiMH batteries, Typ AA HR6, 2700 mAh
- adapter for internal charging
- wind deflector for sensor
- base plate for sensor

Subject to alterations

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