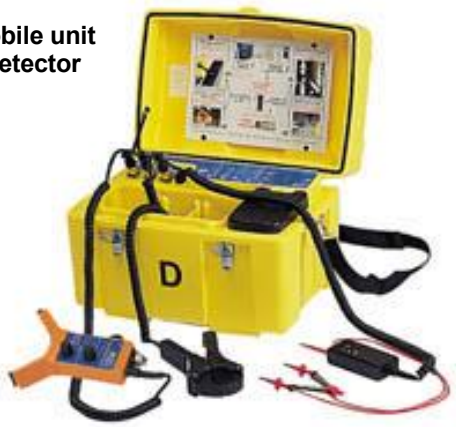
FAMECA *Safety for electricians*

FC2000 CE

Vocal cable identifier

Mobile unit Detector



Transmitting unit

Use: for safe identification of HV de-energized cables

-Identification of a particular 3 phase system cable in trench or a duct

-Identification of the 3 conductors (A, B, C) of a de-energized and short-circuited three-phase system cables, in a single operation.

Field of use:

de-energized cables of LV, MV, HV underground and overhead systems, Transmission range: 10km on 250sqmm aluminum cable.

Safety:

The use of FC 2000 is linked to the use of the short-circuit/ earthing systems at one or two of the cable ends No need to disconnect the earthing devices or to open the earthing switches :

-keep jobsite protected against feedback

-Make safety procedure more simple.

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Reliability, efficiency:

-Fugitive message:, The vocal message is recorded by the user and disappears as soon as the transmitter stops to avoid confusion.

-Undetectable message on adjacent cables: Message cannot be transmitted to nearby cables

-Safe identification by Digital Signal Processor.

TD 465> Universal probe

This universal, probe, is equipped with sensitivity selectors for adjusting to the nature and estimated length of the cable. TD465 is designed for detecting through any type of shielding

Operation

Transmitter at a short circuited end:

- Fix the 3 transmitting clamps ABC
- in the same direction
- on cable terminals or temporary short and earth cables. (In some case place in the clamp jaws up to 5 loops of shortening/ earthing cable to get max amplification)
- at a place where cables have no shielding.
- Switch on the transmitter and record the message by pushing on the microphone .

Receiver

Receiver at the other end (when both ends of the cable are short circuited):

- Reception of phase signal with clamp that displays A, B or C on the handle.

Receiver in a trench or a duct (with both ends of the cable short circuited):

- Identification of the cable with the universal probe

Receiver at the other end (when this other end is open):

- Reception of phase signal with compass and probe that displays A, B or C on the handle.

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