



FC2310 → Disconnected cable and phase vocal identifier, network map checker

STANDARD CE

Specific design complying with current safety regulations related to operation and access to electrical de-energized networks and installations.

USE

- This cable identifier is designed to work on a 3 phase de-energized cable short-circuited and earthed at both ends.
- This cable identifier is in line with the safety procedure called «**SECURE IDENTIFICATION** » and for this provides:
 - Cable identification between its ends, in a trench among other cables energized or not, before spiking and cutting
 - Checking of continuity between two ends of this cable before and after cutting on both sides of the cut.
- Positive identification of the 3 phase conductors of this cable before and after cutting on both sides of the cut.



ADVANTAGES

- **SECURED SIGNAL:** coded and confined between cable shorted ends, the transmitted signals cannot be jammed or detected on nearby cables.
- **SECURED & PAIRED VOICE MESSAGE:** messages related to the different transmitters can also be recorded on the receiver. The right message will be delivered upon confirmed reception of cable identification signal to give a secure labeling of each information.
- **SIMPLE SIGNAL INDUCTION :** done by 3 transducer clamps on cable terminals at one of its ends as the cable is grounded and short-circuited at both ends (Earthing switch or temporary grounding at both ends).
- **ALL INFORMATION NEEDED AVAILABLE PERMANENTLY** along the cable as soon as the transmitter is connected . No need of commuting between job site and feeder pillar or substations until the end of the job.
- **NETWORK CONFIGURATION CHECKING BEFORE RESTORATION:** With the use of the second transmitter **B** included in the pack, identification of phase conductors can be directly performed on both ends of the identified and cut cable and at the new switchgears, without having to move the transmitters and with identification of the source (A or B, with 3 possible codes) .



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- **DETECTOR (D) WITH LCD DISPLAY:** Choice of the function on the receiver according the expected information:

- Identification of energy cable.
- Identification of phase conductors at opposite cable end and at both sides of the cut.
- Identification of phase conductors on both reconnected cable segments before switching them back live.
- Checking conductor continuity between site and terminal equipped with transmitter.



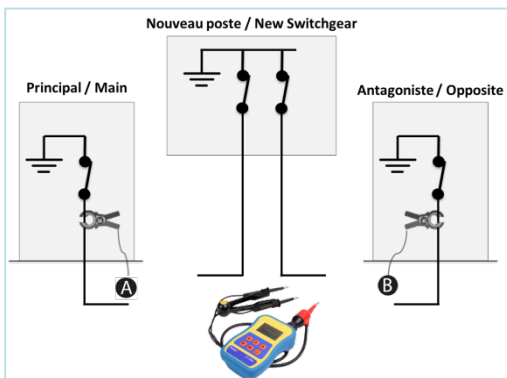
- **UNIVERSAL POINTER PROBE:**

- **POINTER:** the probe pin point the right cable beside and among many other.
- **UNIVERSAL :** Identification of cable including XLPE / paper-lead / steel armored cables up to 10km.

- **COMPASS PROBE :** the probe for open circuit (cut cable or free cable terminals) is designed for an easy use with gloves.



- **UNITS BATTERIES:** can easily be replaced by the user.



TECHNICAL SPECIFICATIONS

Convenient for:

- Paper-lead or dry cables, steel armored cables up to 10km
- Overhead and underground.

Availability:

- The transmitter can operate on battery or mains supply.
- Battery charging automatically stops when fully charged.
- Device packaged in 3 separate robust plastic-coated foamed bags
- Carrying in a watertight wheeled yellow case.



References	Colours			Dimensions / Weight
	L1	L2	L3	
FC2310FR	Green	Yellow	Red	605 x 475 x 292 mm / ~ 22.5 kg
FC2310EU	Red	Black	Grey	
FC2310GB	Red	Yellow	Blue	

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