

CA 6683 LOCAT

Cable locator

Save time and be efficient:

**Only 1 tool for locating electrical
conductors and metal pipes**

- Easy to use
- Supplied complete, ready to use
- Works with power on and off

RENOVATION

MAINTENANCE

IMPROVEMENT



Measure up



Locate to save time, be efficient and reduce repair costs

The **CA 6683 LOCAT** is an **essential tool for all home maintenance, renovation or improvement work.**

Easy to use, it allows you **to quickly locate** electrical cables, metal water or heating pipes in walls or floors.

It provides **diagnostic assistance on live and dead electrical installations**, identifying sockets, switches, circuit breakers or fuses connected to the circuit.

In the event of a fault, it allows you **to locate the location of a short circuit, break or disconnection.**

The **CA 6683 LOCAT** is a set including **a transmitter and a receiver**, each with a large, clear backlit display and automatic adjustment of the transmission power/detection sensitivity for simple and intuitive use.

CA 6683 LOCAT, SIMPLE AND EFFECTIVE DESIGN

CA 6683E Transmitter

CA 6683R Receiver



If voltage is present, the transmitter **signals the danger and indicates its value.**

The signal emitted is digitally coded to prevent interference, and **its power can be adjusted manually to refine detection.**

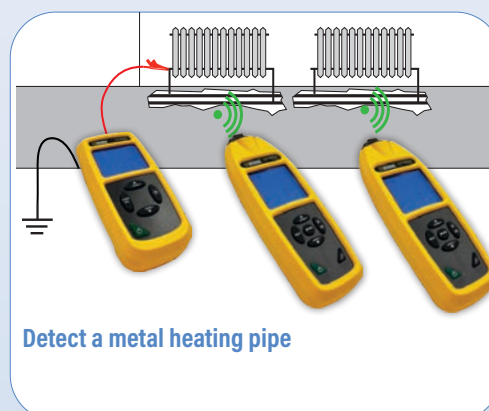
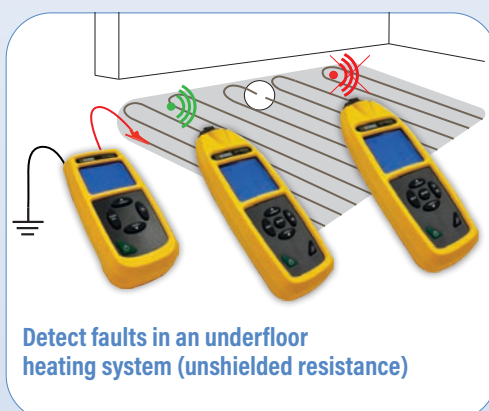
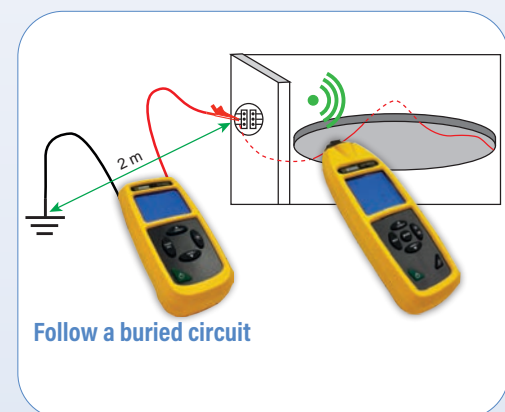
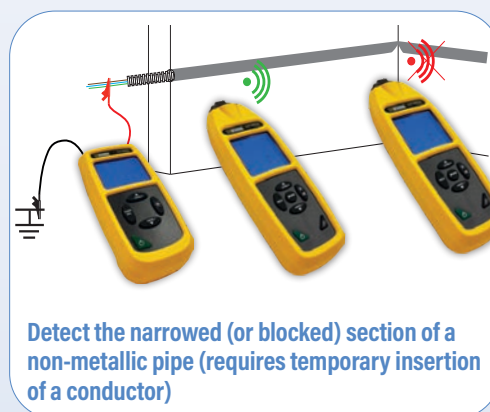
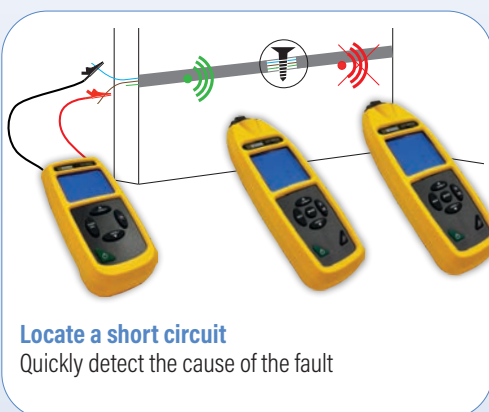
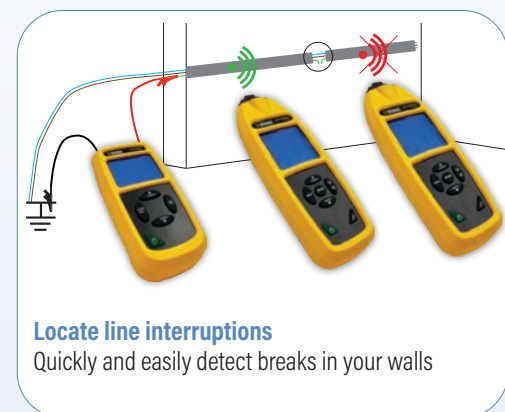
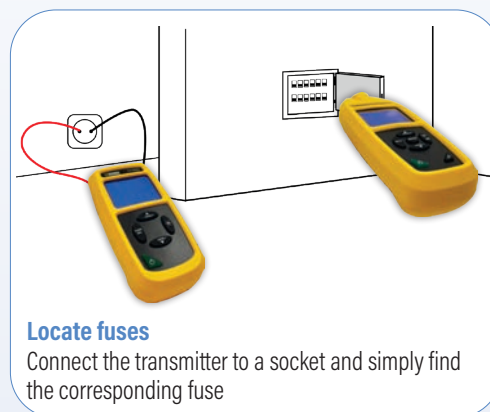
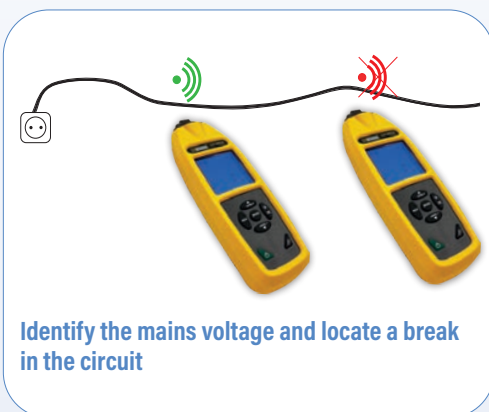
In more complex cases, the identification code can be configured to allow up to **7 transmitters to be used simultaneously.**

The receiver is equipped with a built-in torch, a silent mode and automatic or manually adjustable sensitivity for better selectivity **to adapt to all situations on the construction site.**

The receiver can be **used alone to locate a live conductor** connected to the active conductor (phase) of the electricity distribution network.

Supplied in a **sturdy** case with numerous accessories to suit the various configurations encountered in the field, **the CA 6683 LOCAT** locator is easy to use and saves valuable time.

FOR MULTIPLE USES



TECHNICAL CHARACTERISTICS

CA 6683E TRANSMITTER	
Display	Backlit graphic LCD display
Information displayed	Measured voltage level, polarity (AC or DC), transmitted signal power, battery status, identification code, high voltage presence.
External voltage identification range	12 V, 50 V, 120 V, 230 V and 400 V 50/60 Hz or DC $\pm 2.5\%$
Output signal frequency	125 kHz
Signal power	Adjustable (3 levels)
Transmitter identification	Digital signal coding allowing the use of 7 transmitters simultaneously
Power supply	6 x 1.5 V LR03/AAA batteries
Security	Compliant with IEC 61010 300 V CAT III
Operating/storage temperature	0 to 40°C/-20 to +60°C
Dimensions/Weight	Approx. 160 x 84 x 40 mm / 350 g
CA 6683R RECEIVER	
Screen	Backlit graphic LCD display
Information displayed	Signal amplitude (digital value + graduated scale), detection sensitivity, transmitter identification code and transmitted signal strength, battery status, high voltage presence.
Detection distance with transmitter	- in unipolar mode: 2 m typical - in bipolar mode: 0.5 m typical - single loopback line: up to 2.5 m
Detection sensitivity	Automatic or manual adjustment (7 levels)
Non-contact voltage detection (NCV)	12 V to 1000 V _{ac} at 50/60 Hz, voltage referenced to earth
Other functions	Torch; audible signal deactivation
Power supply	6 x 1.5 V LR03/AAA batteries
Safety	Type F probe compliant with IEC 61010-031 300 V CAT III
Operating / storage temperature	0 to 40°C/-20 to +60°C
Dimensions/Weight	Approx. 198 x 67 x 36 mm / 310 g

TO ORDER

CA 6683 LOCATP01141627

1 CA6683E transmitter and 1 CA6683R receiver supplied in a case with:

- 1 set of 2 crocodile clips
- 1 T-shaped earth stake
- 1 set of 3 adapters: P/N mains plug, B22 bayonet socket and E27 screw socket
- 2 sets of 6 1.5 V LR03/AAA alkaline batteries
- 1 user manual in 5 languages
- 1 certificate of verification



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