

# 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.**

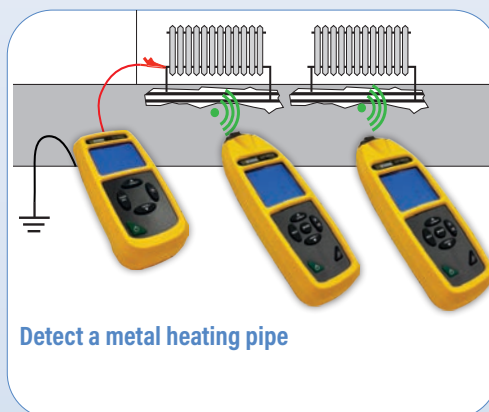
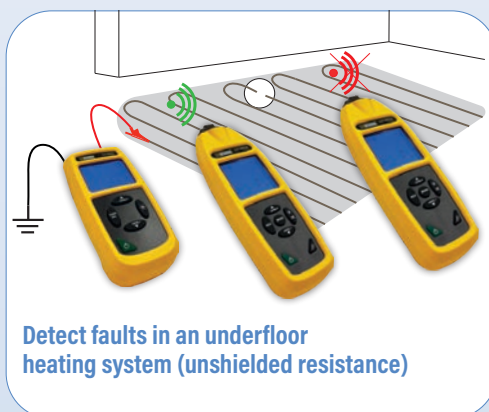
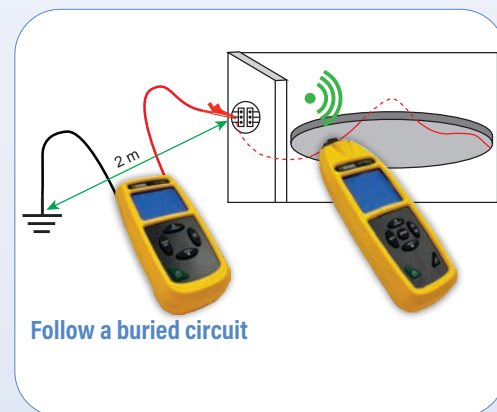
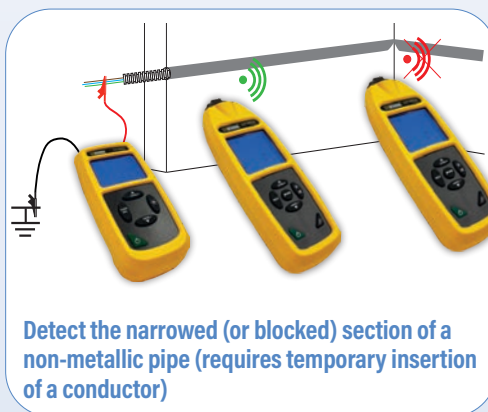
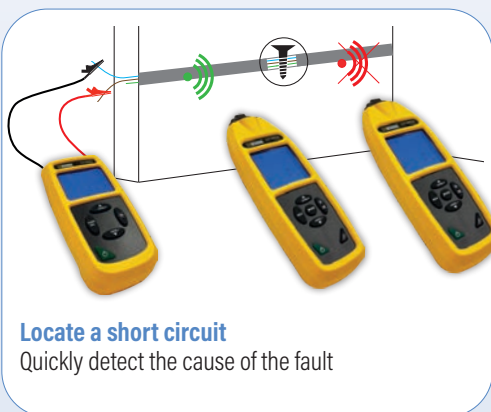
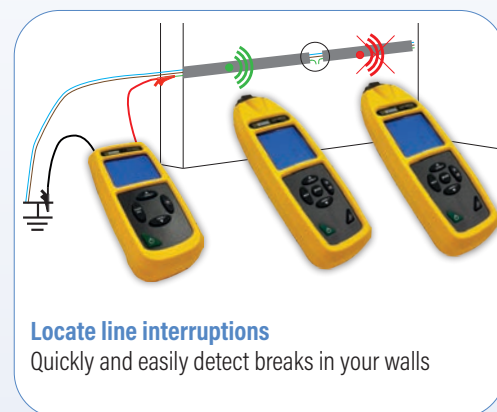
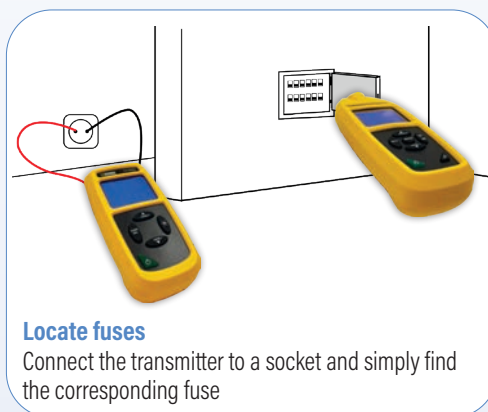
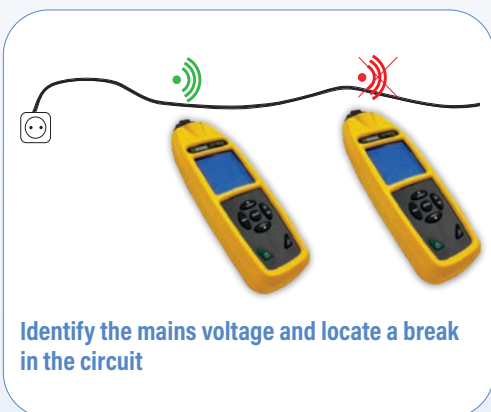
In more complex cases, the identification code can be configured to allow up **to 7 transmitters to be used simultaneously.**

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

## TO ORDER

### CA 6683 LOCAT .....P01141627

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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