

# WIRE TRACER LKZ-710



Wire tracer LKZ-710 is designed to locate electrical cables embedded in different materials (concrete, bricks, wood) in buildings. It can be also used to detect live cables without a need to disconnect any appliances from tested installations.

### Standard accessories of the meter LKZ-710:

- pin probe with banana connector - yellow
- pin probe with banana connector - black
- „crocodile” clip K01; black
- „crocodile” clip K02; yellow

- WASONYEOGB1** - carrying case M1
- WASONBLOGB1** - operating manual
- WAKROBL20K01** - battery (LKO)
- WAKROYE20K02**

**WAFUTM1**

### Optional accessories of the meter LKZ-710:

- test lead on a reel with banana plugs; 20m red

- WAPRZ020REBS** - earth contact test probe (rod); (26cm)
- test lead on a reel

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# LKZ-710

- **Detection of wires (live or using external power source):**
  - detection of wires in ceilings, walls and floors,
  - locating power points and switches in buildings,
  - locating short circuits between leads (using external power source),
  - tracing wires in metal ducts.
- **Identification of fuses on the distribution board.**
- **Tracing conductive water and heating pipelines (using external power source).**
- **Non-contact detection of live wires.**
- **Signalling of transmitter and receiver operation by LED and sound.**
  - indication of signal level on dotted light line.
- **Features:**
  - operation in wide range of rated voltage, 12V DC (24V AC)...250V,
  - two modes of transmitter amplification,
  - adjustment of receiver sensitivity level,
  - modes of wire tracer operation - current (detection of magnetic field),
  - transmitter powered from tested installation.

<b>Electric security:</b>	
- type of insulation	double, according to EN 61010-1
- measurement category	CAT III 300V acc. to EN 61010-1
- transmitter's protection class acc. to EN 60529	IP40
- receiver's protection class acc. to EN 60529	IP40
<b>Other technical data:</b>	
- transmitter's power supply	external source AC min. 24V or DC min. 12V
- transmitter's max working voltage	250Vrms (353Vamp)
- transmitter's dimensions	128 x 66 x 28 mm
- transmitter's weight	approx. 300 g
- detector's max range	60cm
- non-contact neon max range	20cm (in air), 3cm (in concrete)
- receiver's power supply	battery 9V 6LR61 alkaline
- receiver's dimensions	210 x 82 x 24 mm
- receiver's weight	approx. 200 g

<b>Rated operational conditions:</b>	
- operating temperature	-20...+50°C

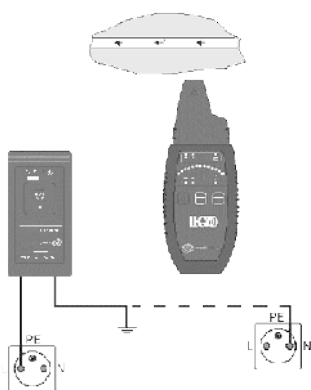


Fig 1. Detection of cables in wall.

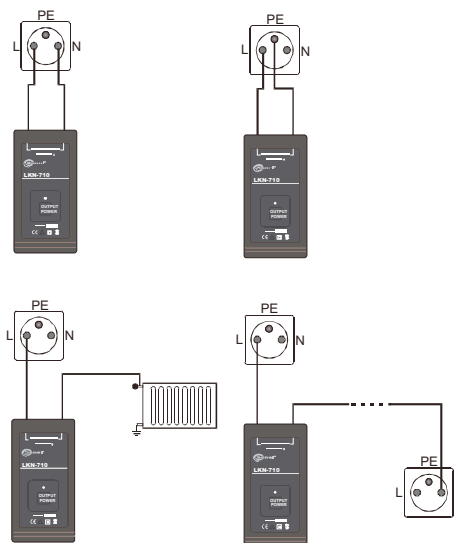


Fig 2. Detection of cables – different ways of connecting the transmitter.

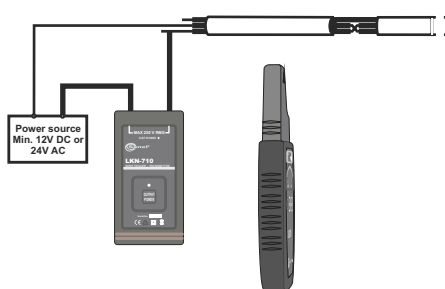


Fig 3. Locating short circuit in a cable.

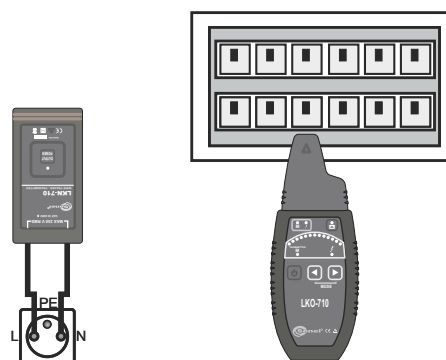


Fig 4. Identification of circuit breakers in a distribution board.