

# 1AC-II/1LAC-II VoltAlert

# The pocket-sized voltage detector

The next generation VoltAlert™ ac voltage testers from Fluke are easy to use—just touch the tip to a terminal strip, outlet, or cord. When the tip glows red and the unit beeps, you know there's voltage in the line. Electricians, maintenance, service, safety personnel, and homeowners can quickly test for energized circuits and defective grounds on the factory floor, in the shop, or at home.

- The 1AC-II continually tests its battery and its circuit integrity with a periodic double flash visual indication using Fluke Voltbeat<sup>™</sup> technology.
- The VoltAlert<sup>™</sup> Tester (1AC-II and 1LAC-II) is a Category IV -1000 V overvoltage rated product for added user protection, the highest rated of its kind.
- Voltage detection of 90 V to 1000 V ac or 200 V to 1000 V ac depending on model, as well as a 24 V to 1000 V ac control circuit model.
- It is rugged, reliable, and has a two-year warranty.

# **Specifications Operating principle**

Senses the steady state electrostatic field produced by ac voltage through insulation without requiring contact to the bare conductor. A red glow at the tip and a beeping noise (if not switched OFF) indicates the presence of voltage.

Note: Does not respond to random electrostatic discharge.

#### **Voltage sensing ranges**

Nominally, 90 V AC to 1000 V AC or 200 V AC to 1000 V AC depending on model, 45 Hz to 405 Hz; also a 20 V to 90 V control circuit model

#### **Detector tip style**

Blade or round, depending on model

### **Light source**

One high intensity red LED

## **Agency approvals/listings**

c CSA us, CE, C-Tick

#### **Safety rating**

1000 V, CAT IV

#### IP rating

IP 40

#### **Operating temperature** range

-10 °C to 50 °C

#### **Operating humidity ranges**

0 % to 95 % (0 °C to 30 °C) 0 % to 75 % (30 °C to 40 °C) 0 % to 45 % (40 °C to 55 °C)

#### **Operating altitude**

3000 meters

#### **Batteries**

2 AAA alkaline batteries included

# **Technical Data**













# Related standards and regulations for:

#### **Safety**

Europe and ROW: Low voltage directive and related standards as: EN61010 respectively IEC61010 for international requirements

#### **EMC**

Europe and ROW: EMC directive and related standards as: EN61326 respectively IEC61326 and their subset for ESD. Not all EMC standards are necessary due to no contact to mains voltage.

#### **Environmental**

Especially in European markets with relations to WEEE and RoHs directive for the used materials and information in the user documentation (manual)

### **Ordering Information**

Fluke-1AC-A1-II ACV Detector 90-1000V, ENGL/LASPN/CFR Part Number 2432932

Fluke-1AC-A2-II ACV Detector 90-1000V, BRPORT/JAP/CHIN-T Part # 2432944

Fluke-1AC-E1-II ACV Detector 200-1000V, ENGL/GER/FREN/DUTCH Part # 2432967

Fluke-1AC-E2-II ACV Detector 200-1000V, DANSH/NORW/SWED Part # 2432971

Fluke-1AC-P1-II ACV Detector 200-1000V, KOR/THAI/SPANISH Part #2433000

Fluke-1LAC-A-II Low Voltage Detector 20-90 VAC AMERICAS PACIFIC Part # 2433021

FLK-1AC-A1-II-5PK Volt Alert, 5 Pack For USA Part # 2433042

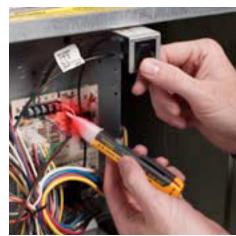
**FLK-1AC-E1-II-5PK** Volt Alert, 5 Pack For EUROPE Part # 2433056



Americas version



European version



Low volt version