

NON-CONTACT AC HIGH VOLTAGE DETECTOR Model 275HVD



CE

- ▶ Works on unshielded cables only
- ▶ Wide range of detection; finds 80V to 275kV; one instrument fits all applications
- ▶ Eight switch selectable voltage sensitivity ranges
- ▶ Lightweight, minimizes sway at the end of long hot sticks
- ▶ Audible and visual indication of live voltage
- ▶ Self-test position ensures that all system functions and indicators are working properly by energizing the complete system
- ▶ Designed for use with hot sticks incorporating a shotgun adapter
- ▶ Powered by three standard Alkaline C cell batteries

The Model 275HVD is designed to detect the presence of high voltage without physical contact.

An eight position rotary switch selects the detection range. As the sensor is moved closer to the voltage carrying conductor, its sensor head picks up the radiated electric field. Once the range threshold is reached, the buzzer sounds and a bright red warning light warns the operator of live conductors.

The Model 275HVD is powered by three standard Alkaline C cell batteries and can be used both in- and out-of-doors. A universal spline on the back-end facilitates attachment to any standard hot stick. A self-test position ensures that all circuitry and indicators are working properly before use.



Model 275HVD checking for live voltage on main feeder

FEATURES

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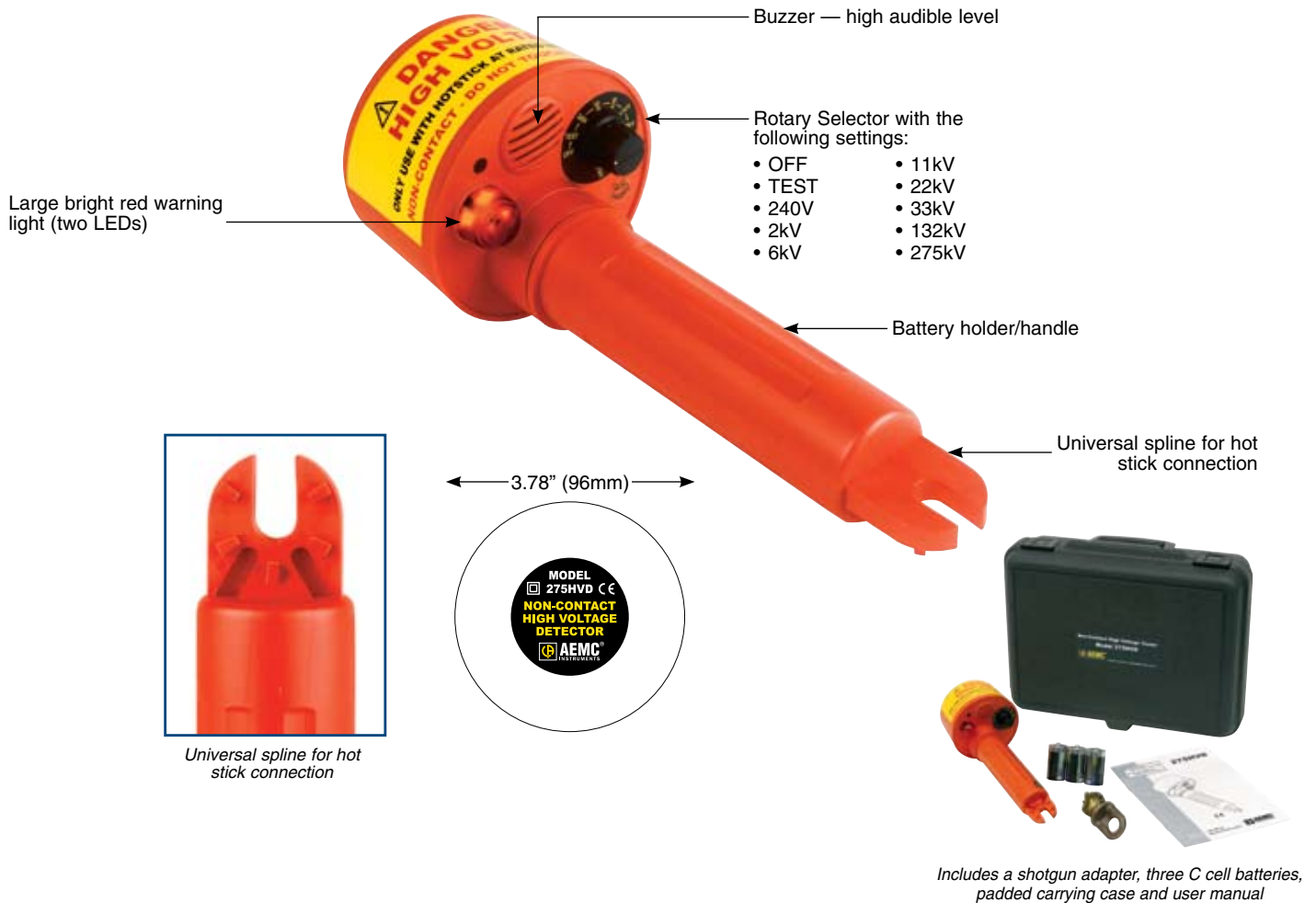
APPLICATIONS

- ▶ Non-contact detection of live voltages
- ▶ Check and detect live high voltage cables
- ▶ Find faults in cables
- ▶ Check grounding equipment
- ▶ Service neon lighting
- ▶ Trace live wires
- ▶ Check high frequency radiation
- ▶ Detect residual or induced voltages

SPECIFICATIONS

MODEL	275HVD
ELECTRICAL	
Ranges	240V, 2kV, 6kV, 11kV, 22kV, 33kV, 132kV, 275kV
Detection	Range selected @ approximately 10" (25cm); 45% to 65% of range @ approximately 4" (10cm) Greater detection distance obtained with lower range setting (higher sensitivity) than working voltage
Detection Frequencies	40 to 70 Hz
MECHANICAL	
Self Test	User selectable
Indicators	Bright red LED and audible buzzer
Power Source	Three 1.5V C cell batteries
Dimensions	3.78 x 9" (96 x 229mm)
Weight	1.30 lbs (0.59kg) batteries included
ENVIRONMENTAL	
Operating Temperature	5° to 130°F (-15° to 55°C)
Storage Temperature	-4° to 150°F (-20° to 65°C)
Humidity	0 to 93% RH @ 104°F (40°C)

CONSTRUCTION



ORDERING INFORMATION	CATALOG NO.
Non-Contact High Voltage Detector Model 275HVD (240V to 275kV)	Cat. #2131.12



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