



An ISO 9001:2008 Company

PERSONAL SAFETY H. V. DETECTOR

Model 287 SVD

SPECIAL FEATURES :

- Compact, easy to wear and convenient in use.
- Usable both indoor and outdoor.
- Water-proof design (IP65)
- Equipped with self-testing functions.
- Able to sense all kinds of AC High Voltage System.
- Low power consumption.
- CE Certified.

GENERAL SPECIFICATIONS :

- * Distance of starting warning : 85cm for 22.8KV
- * Applicable Frequency : 50/60Hz
- * Volume : 70dB or higher at 1 meter distance
- * Operating Temperature & Humidity : 0°C ~ 40°C / 80% R.H.
- * Battery life : 50 hours for continuous use.
- * Battery : CR2032
- * Outside dimensions : 61(L) x 62(W) x 18.5(H) mm
- * Weight : Approx. 70g.(including Battery)

ACCESSORIES :

Elastic cord, Instruction manual & Battery.

ELECTRICAL SPECIFICATIONS :

Voltage	Detection Distance
6.6kV	40 cm \pm 20%
11.4kV	55 cm \pm 20%
22.8kV	85 cm \pm 20%

287SVD is a sensor for sensing AC High Voltage. It provides electric engineering personnel, power engineering personnel, firefighting personnel and instrument equipment workers with prominent warning when approaching high voltage source.

METHOD OF USE

- Inspection before use
 - (1) Check the appearance and structure for any abnormality.
 - (2) Press Self-Test switch (about 10 seconds) to confirm all functions are working normally.
 - (3) To be careful and to avoid misjudgement, test the unit by contacting AC 110V / insulated wire with its front side to see if it sounds and flashes.
- Wearing
 1. Wear the unit in front of the safety helmet.
 2. Wear the unit to the outer side of forearm with the sensing side facing outward, as shown in the figure :
 - * The effect is best when the sensing side is facing high voltage in right angle (90Deg.). When it is worn at the inner side of arm or is covered by cloth, the sensitivity is poorer.



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