

# TN288SVD

## - PERSONAL SAFETY VOLTAGE DETECTOR

The TN288SVD is designed to alert users that they are approaching live equipment where dangerous voltage is present. It detects AC voltages using its internal AC sensor plate, which picks up part of the radiated electric field in volts per metre (V/M). The electric field is amplified and processed by the internal circuitry – once the processed signal is above the threshold, the buzzer and LED are activated intermittently at a rate of 2 beeps/ flashes per second.

An ultra low consumption product, the TN288SVD can be used for months without replacing the 9V battery. Its functionality can be verified by pressing both front panel buttons. Designed to be simple to use, It has no voltage selection or complicated controls, and only requires self-testing prior to use.

The TN288SVD consists of an internal pickup AC sensor plate, a test (oscillator) and diagnostic circuit, an adjustable threshold comparator, a sound annunciator (buzzer), a visual indicator (ultra-bright LED) and a 9V battery, all enclosed in a robust “beeper” style case.

The enclosure features a built-in clip enabling the unit to be attached to the user’s outer garments or belt.

*Note: In the presence of mixed voltages it could become difficult to determine exactly which source has been detected or which source created the alert. Always treat all sources as LIVE.*

### FEATURES

- AC Voltage detection: 240V ~ 50kV
- Waterproof
- Easy-to-wear on body or belt
- Ultra-bright LED indication
- High pitch sound indication
- Self-test & diagnostic circuitry
- Friendly priority alert reporting
- High impact type casing
- Different alerting sound & light
- Meets EN 61326-1
- Dimensions: 114(L) × 67(W) × 27(D)mm
- Weight: Approx. 152g (battery included)
- Power supply: 9V(6F22) × 1

