

Voltage Detector for Medium / Low voltage

HSN-6A1 type

Telescopic Type



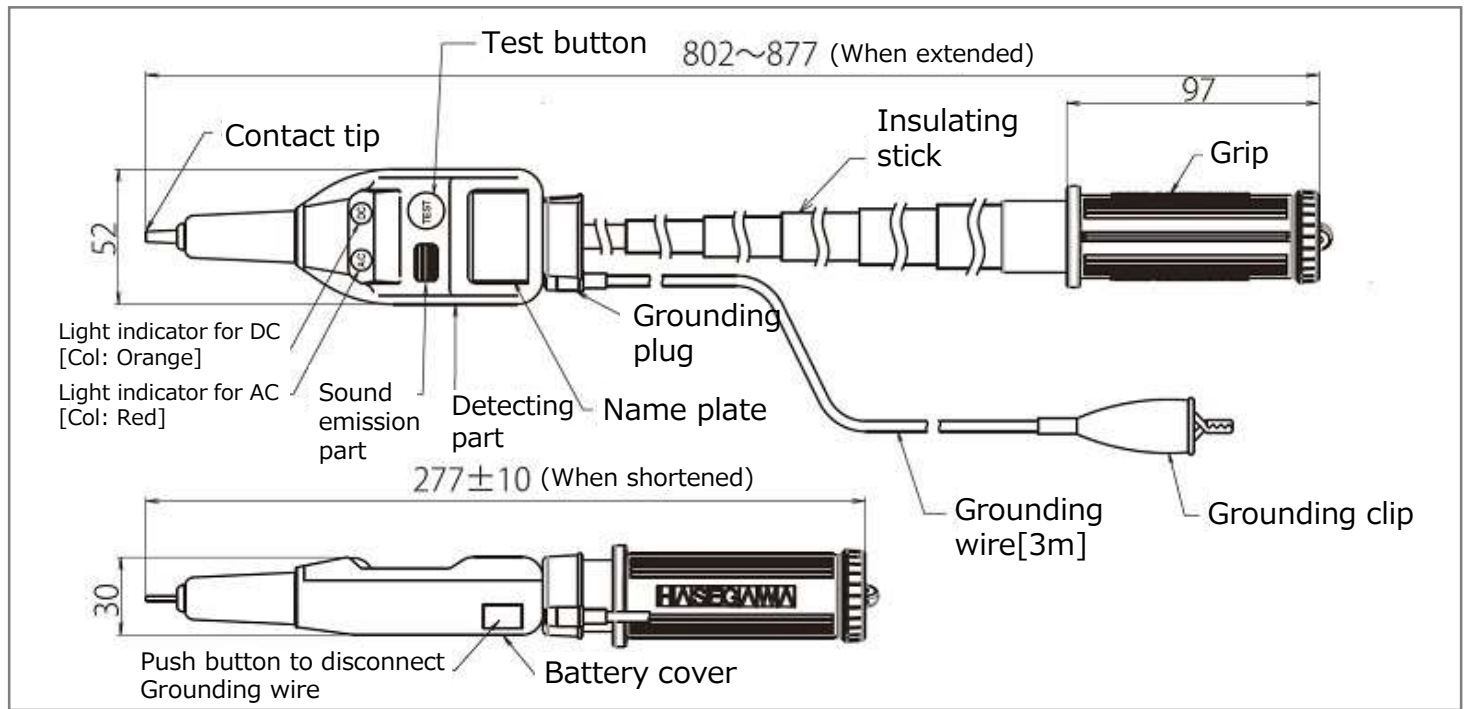
■ Features

- It can be used for withstand voltage tests with high-voltage equipment. It can be used up to 10.5kV AC, 21kVDC, only for application of withstand voltage test.
- Discriminate AC and DC.
- Checking residual electric charge, and discharging it.

■ Applications

System	Grounding Wire	Contact Object	Voltage Detection	Operation Mode	Detection Application
High Voltage	Not Attached	Bare and Insulated wire	AC		Energized/ De-energized circuits Working Voltage: AC 3 kV to 7 kV (AC 10.5 kV dielectric strength test)
	Attached	Insulated wire	AC		Induced Voltage from other lines Working Voltage: AC 3 kV to 7 kV
		Bare live parts	AC & DC		Energized AC or DC circuits, DC residual voltage Working Voltage: AC 100 V to 7 kV, DC 50 V to 7 kV (DC 21 kV dielectric strength test)
Low Voltage	Not Attached	Bare live parts	AC		(While touching nameplate) Energized/De-energized circuits Working voltage: AC 100 V to 600 V
	Attached	Bare live parts	AC & DC		AC or DC Energized/De-energized circuits Working voltage: AC 100 V to 7 kV, DC 50 V to 7 kV

■ Dimensions



■ Specifications

Working Voltage Range	Without Grounding Wire	AC: 3kV - 7kV (10.5kV AC dielectric strength test for fully extended device)
	With Grounding Wire Attached	AC: 100V - 600V (with touching the device nameplate) [Operation Mode 3] AC: 100V - 7kV , DC: 50V - 7kV (21 kV DC dielectric strength test for fully extended device)
Leakage current	Between contact tip and name plate	4kV AC, 1min, 1mA or less
	Between contact tip and grip	(Insulating stick:Shortened) 20kVAC, 1min, 100μA or less
		(Insulating stick:Extended) 50kVAC, 1min, 100μA or less
	Between contact tip and grounding clip	26kVAC, 1min, 1mA or less
	Between core of the grounding plug and outside the covering	22kVDC, 1min
Detection Indicators	Visual: AC: red display, DC: orange display Visible in up to 8000 Lux environment	
	Audible: intermittent sound, 60 dB @ 1 m / 3.3 ft	
Frequency	50/60 Hz, dual-use	
Operating Temperature	-10 °C to 50 °C 14 °F to 122 °F	
Structure	Drip-proof construction	
Batteries	LR44(1.5V) × 2 pcs	
Accessories	Slip-on cover, grounding wire (3 m/9.9 ft)	

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