UT262E

Non-Contact Phase Detector

The UT262E is a clamp-style non-contact phase detector designed to prevent electrical shock to operators. It can be utilized for live wire detection, basic electrical inspections, phase identification, and identifying missing phases, and {locating} circuit breakers. It serves as an ideal tool for phase sequence detection, motor installation, and wire maintenance.



Product Highlights:

- Portable & compact design
- Non-contact detection
- Multi-functions all in one
- Safety alligator clip test lead
- Audible & Visible alarm

Models	UT262E
Function/Application	Phase detection, live wire examination, power inspection, phase loss judgment, breakpoints finding, breakpoints positioning.
Measurement method	Non-contact detection
Applied for AC voltage (V)	70~1000VAC (Three phase)
Applied for Frequency (Hz)	45Hz~66Hz
Operating temperature	0°C~50°C
Storage temperature	-20°C~60°C
Operating humidity	<85% (Non condensing)
Button life	10000 cycles
Insulation intensity	3.7kVrms
Buzzer level	65~70dB
IP rating	IP52
Overvoltage category	CAT III 1000V, CAT IV 600V

Non-contact

CAT III 1000V

CAT IV 600V



Phase detection/sequence and LED status								
Test status	LED indication status							Buzzer
	Power on indication	R/A	S/B	T/C	Positive phase R	Reverse phase L	LED status	Slow buzz: 2Hz Fast buzz: 12Hz
Positive phase	●	●	●	●	●	○	Always ON	2Hz
Reverse phase	●	●	●	●	○	●	Always ON	12Hz
No phase change (two clamps on same wire)	●	●	●	●	○	○	Flashing	(Abnormality indication)
A phase missing	●	○	●	●	○	○	Always ON	
B phase missing	●	●	○	●	○	○	Always ON	
C phase missing	●	●	●	○	○	○	Always ON	
A and B phase missing	●	○	○	●	○	○	Always ON	
B and C phase missing	●	●	○	○	○	○	Always ON	
A and C phase missing	●	○	●	○	○	○	Always ON	