

UT262E Non-contact Phase Detector



Non-contact
detection



Phase sequence
detection



AC voltage (V)



Buzzer level



UT262E is a clamp-type non-contact phase detector. It can avoid electric sparks due to contact with bare wires, reducing the risk of electrical shock to electricians and other professional personnel. UT262E can also be used for live wire detection, simple electrical inspection, phase identification, missing-phase judgment, wire breaker searching, and positive or negative states through audio and visual indication. It is a perfect tool for phase sequence detection, motor mounting, and wires maintenance. It improves the safety of field testing, ensures the safety of operators, increases productivity.

Models	UT262E
Function/Application	Phase detection, live wire examination, power inspection, phase loss judgment, breakpoints finding, breakpoints positioning.
Measurement method	Non-contact detection
AC voltage (V)	70~1000VAC (Three phase)
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
Category rating	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	

