

No-Contact Type Phase Sequence Indicator



890 PR

FEATURES

- The 890 PR is a Non-Contact phase detector with flashing LEDs and a beeping buzzer to show the detection of AC 3-phase sequence.
- Two functions in one unit : open phase and phase sequence detection.
- Convenient brightness switch to make the indication visible in dim areas or sunlight.
- Back cover magnets which attach the instrument to the AC distribution panel offer easy measurement.
- 3-Phase AC 75 to 1000V is fitted for detection.
- Detect frequency range is from 45 to 65Hz.

SPECIFICATIONS

Measurement principle	Static induction
Input voltage	75~1000Vac
Frequency range	45-65Hz
Auto-off	5 min. after power on without detection
Low battery warning	Power LED flashes at 4.6±0.1V or less
Operating temperature & humidity	0°C ~ 40°C Max. 80% R.H.
Storage temperature & humidity	-10°C ~ 50°C Max. 80% R.H.
Cable length	Approx. 800mm
Dimensions	118(L) × 69(W) × 38(D)mm
Weight (battery included)	Approx. 370g
Power source	1.5V (AA) × 4 Alkaline batteries EN 61010-1 CAT III 1000V / CAT IV 600V
Safety standard	EN 61326-1 EN 61557-1 EN 61557-7
Accessories	Instruction manual Soft pouch Batteries

LIVE WIRE CHECK

State	Indication
Live	Phase with L1, L2, L3, "ON" is live state
Missing line of earth line	LED doesn't light up for missing line of earth line
Earth line (Delta connection)	Phase with flashing LED is an earth phase
Positive phase	When the Green Rotation LED flashes in clockwise direction orderly as indicated with "arrow" mark, the circuit will be forward under test. The buzzer sounds intermittently.
Reversed phase	When the Red Rotation LED flashes in anti-clockwise direction orderly as indicated with "arrow" mark, the circuit will be reverse under test. The buzzer sounds continuously.
Detect Indications	L1, L2, L3 LED ON is live phase indication. Open phase which LED is off. CW ON is correct phase sequence. CCW ON is incorrect phase sequence.