



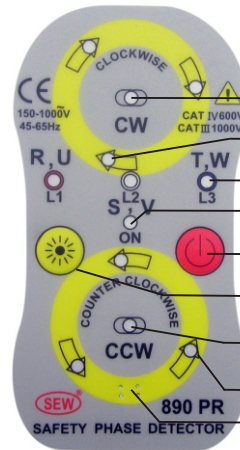
STANDARD

Model : 890 PR

# Non-Contact PHASE DETECTOR



## INSTRUMENT LAYOUT



- Phase sequence LED (Forward)
- Rotation LED
- Live LED
- Power LED
- Power switch
- Brightness switch
- Phase sequence LED (Reverse)
- Rotation LED
- Buzzer

## 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, including open phase and phase sequence.
- Clipping the right 3-phase lines(up to color) over the jacket with non-contact sensor clips which promote safety of measurement.
- Brightness switch is convenient to make the indication visible in dim areas or sunlight.
- Back cover magnet fix the instrument onto the AC distribution panel offer easy measurement.
- 3-Phase AC 150 to 1000V is fitted for detection.
- Detect frequency range is from 45 to 65 Hz.
- Safety standard : EN 61010-1 CAT III 1000V/ CAT IV 600V. EN 61326-1

## SPECIFICATIONS

Measurement Principle	Static induction
Input Voltage	150~1000Vac
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	-10°C~50°C Max. 80% R.H.
Storage temperature & Humidity	-20°C~60°C Max. 80% R.H.
Power Source	1.5V(AA) x 4 or alkaline battery
Dimensions	118(L) x 69(W) x 38(H)mm
Cable Length	Approx. 800mm
Weight	Approx. 370g (battery included)
Accessories	Instruction manual Soft case Battery

## 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	L1,L2,L3 LED ON is live phase indication. Open phase which LED is off.
Indications	CW ON is correct phase sequence.
	CCW ON is correct phase sequence.



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