

# LCD Phase Sequence Indicator(Contact Type)



CE

**887 PR**

The **887 PR** is a 3 Phases Presence and Rotation Indicator.

**It does not need any battery as it derives its power from the system under test.**

It can be utilized on a **3 Phases Powered System** without having to worry about damage to the tester or the system.

Once connected to a 3 phase power system, it indicates the phase presence by showing its corresponding LCD symbol.

It displays the rotation (clockwise or anti-clockwise) on the LCD.

**This instrument represents the quickest and easiest way for verifying the presence and rotation of a 3 phase system.**

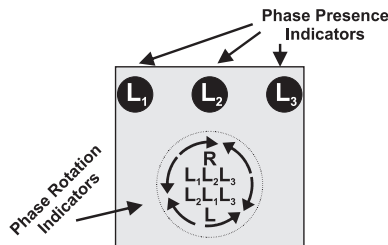
You can, before connecting Supply to Load, and from the supply side; **Quickly and easily verify the presence of the three Phases on a 3 Phase Power System.**

**Confirm the Phase Rotation on a Powered 3 Phase System.**

3 Phase Presence Indication circuit:

This circuit uses the LCD to indicate if a phase is present.

These LCD indicators will light up when the voltage across any two phases are more than 40Vac.



3 Phase sequence Rotation indicator circuit:

This circuit has also a LCD indication This product does not require any battery as it takes its power from the circuit under test.

## FEATURES

- Indicates phase rotation.
- Indicates phase presence.
- No battery required.
- Phase rotation phase presence indicated on large liquid crystal display.
- Small, rugged enclosure.
- Color coded test leads.
- Phase presence indication from as low as 40Vac to as high as 500Vac.
- Fused.
- Lightweight, robust and compact.
- EN 61010-1 CAT III 600V  
EN 61010-2-032

## SPECIFICATIONS

### ELECTRICAL

#### Determination of the Phase Presence

Nominal Voltage for Phase Presence Indication (the voltage required for the LCD L <sub>1</sub> , L <sub>2</sub> , L <sub>3</sub> indicators to come on)	From 40Vac to 600Vac.
Frequency range	From 15Hz to 400Hz.

#### Determination of the Phases Rotary Field Direction:

Direction Indication by LCD Display(the voltage required to have the LCD Direction Arrows to indicates and the L <sub>1</sub> L <sub>2</sub> L <sub>3</sub> or L <sub>3</sub> L <sub>2</sub> L <sub>1</sub> indicators to show)	From 40 to 600Vac.
Frequency range	From 15 Hz to 400Hz

### Protection

Over load	700V(between all terminals)
Over voltage	Class III - 700V towards ground
Fuses	2 × 0.5A/600V, 5 × 20mm, HBC, 600V Fast Blow

### General

Current consumption	Max. 3mA
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### MECHANICAL

Dimensions	150(L) × 72(W) × 33.8(D)mm
Material	Poly carbonate / ABS
Weight (less soft pouch)	Approx. 158.5g
Display	LCD

### ENVIRONMENTAL

Operating temperature range	1°C to + 55°C not in full sun!!!
Storage temperature	-20°C to + 70°C

