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.

![Phase Presence Indicators](image1)

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.

3 Phase sequence Rotation indicator circuit:

![Phase Rotation Indicators](image2)

**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 600Vac.
- 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 L1, L2, L3 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 indicate and the L1 L2 L3 or L3 L2 L1 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

**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