

Model: 90888



Before connecting supply to load, you may do the following:

On the supply side: Quickly verify the presence of the three Phases on a 3 Phases Power System. Confirm the Phase Rotation on a Powered 3 Phase System.

On the Motor Side (Load): Confirm the Phase Rotation on a unpowered 3 Phase Motor 3 Phases Alternator. Confirm that each winding is connected to the terminals of the motor when the rotation Leds light up.

- The 90888 is a 3 phase Presence and Rotation Indicator combined with a 3 Phase Motor Rotation Tester.
- It can be utilized on a 3 Phase Powered System (the supply side) or on a Three Phase Unpowered Motor (the load side) without having to worry about damage to the tester.
- When utilized on a 3 Phase Powered System, the instrument is then utilized as a 3 Phase Presence and Rotation Indicator.
- When utilized on a Three Phase Unpowered Motor, the instrument is then utilized as a 3 Phase Motor Rotation Tester.
- When utilized on a 3 Phase Powered System, this instrument is a rotary field indicator instrument which display all three phases by lighting up its corresponding lamp. It displays the rotation (clockwise or counter-clockwise) on a LED.
- When utilized on a 3 Phase Unpowered Motor, it is also possible to determine the motor connections U, V, W without a live circuit to avoid subsequent damages of e.g. pumps to reversed motor rotation. It displays the rotation (clockwise or counter clockwise) on a LED.
- This instrument represents the quickest and easiest way for servicing, repairing and electrical maintenance of 3 phase systems and 3 phase rotating machinery.

Features:

- Indicates Phase Presence.
- Indicates Phase Rotation.
- Indicates Motor Rotation/Wiring.
- Indicates Battery Status.
- Phase Rotation and Motor Rotation Indication works from as low as 1 V/AC.
- Small and rugged enclosure.
- Color-coded test leads.
- Phase Presence Indication from as low as 1V/AC.
- Very Low Consumption.
- Fused.
- Lightweight, Robust & Compact.
- Works from 2 Hz to 400 Hz Sine.
- IEC/EN 61010-1 CAT III 600V.

Scope of Supply:

- 1 pc Rotary Field Indicator 90888
- 3 pc Safety Test Leads With Crocodile Clamps
- 1 pc Carrying pouch
- 1 pc Instruction Manual

Technical Data:

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| Phase Presence | 100 V-600 V/AC |
| Nominal Voltage for Phase | |
| Frequency | 10-400 Hz |
| Determination of Phase | 1-450 V/AC |
| Rotation Field Direction | |
| Frequency | 2-400 Hz |
| Determination of Motor Connections | |
| (requires > 1/2 turn of the shaft) | |
| | From : 1-600 V/AC |
| Frequency | 2-400 Hz |
| Maximum Current Consumption | 18mA |
| Over Voltage CLASS III | 600V |
| Over Load between all terminals | 600V |
| Battery Ok goes off when | battery voltage < 6.5 Vdc |
| Power Supply | 1 x 9 V, IEC 6LR 61 |
| Dimensions | 153 x 72 x 35 mm |
| Weight | Approx. 185g (battery included) |