

## Data Sheet

### Phase & Motor Rotation Meter

#### Model 302

The model 302 is a 3 phase presence and rotation meter combined with a 3 phase motor rotation tester. It is the quickest and easiest way for servicing, repairing and electrical maintenance of 3 phase systems and 3 phase rotating machinery. It can be utilized on a 3 phase powered system (the supply side) or on a three phase un-powered 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 un-powered 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 indication instrument which display all three phase by lighting up it's corresponding LED. It displays the rotation (clockwise or counter-clockwise) on a LED. When utilized on a 3 phase un-powered 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.

#### 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 1Vac
- Small and rugged enclosure
- Phase and Motor Rotation Indicator works from as low as 1Vac
- Color Coded test Leads
- Phase Presence Indication from as low as 100Vac
- Very Low Consumption
- Fused
- Lightweight, Robust & Compact.
- Works from 2 Hz to 400Hz Sine
- IEC/EN 61010-1 CAT III / 600V / CE



#### Applications

With this equipment, you can, before connecting supply to load :

On the supply side :

- Quickly verify the presence of the three phase on a 3 phase 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 phase alternator.
- Confirm that each winding is connected to the terminals of the motor, when the rotation LEDs light up.

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