

# Phase Sequence Indicator(Contact Type)



**865 PR**  
LED Indication

## FEATURES

- LED indicators provide better visibility than neon indicators
- Three functions in one unit: open phase, phase sequence and 3-phase motor rotation indication
- Designed to check a wide range of 3-phase power sources from 100V to 600V
- R.S.T. LED indicators with frequency range from 40Hz to 400Hz
- Wide motor frequency detection range, from 2Hz to 400Hz
- Fixed magnets for convenient measurement

## SPECIFICATIONS

|                                  |  |
|----------------------------------|--|
| Measurement principle            | Contact Live Wire  |
| Input voltage                    | 100-600Vac   |
| Frequency range                  | 40Hz-400Hz   |
| Operating temperature & humidity | 0°C ~ 40°C Max. 80% R.H.                                       |
| Storage temperature & humidity   | -10°C ~ 50°C Max. 80% R.H.                                     |
| Cable length                     | Approx. 60cm   |
| Dimensions                       | 128(L) x 72(W) x 44(D)mm                                       |
| Weight (battery included)        | Approx. 220g   |
| Power source                     | 9V (6F22) x 1  |
| Safety standard                  | EN 61010-1 CAT III 600V<br>EN 61326-1 EN 61557-1<br>EN 61557-7 |
| Accessories                      | Instruction manual Test leads<br>Soft pouch Battery            |

## LIVE WIRE CHECK

| State              | Indication               |                                   |
|--------------------|--------------------------|-----------------------------------|
| Detect Indications | Live phase               | L1, L2, L3 LEDs illuminated       |
|                    | Open phase               | Corresponding LED not illuminated |
|                    | Correct phase sequence   | CW LED illuminated                |
|                    | Incorrect phase sequence | CCW LED illuminated               |

## STATIC MOTOR CHECK

- Connect R, S, and T test leads to motor's L1, L2, and L3 terminals
- Rotate shaft at least 1/2 turn

| State              | Indication           |                     |
|--------------------|----------------------|---------------------|
| Detect Indications | L1, L2, L3 direction | CW LED illuminated  |
|                    | L2, L1, L3 direction | CCW LED illuminated |



**ST-860**

## FEATURES

- Three functions in one unit: open phase, phase sequence and motor rotation indication
- Large alligator clips for easy attachment to switch board terminals
- Highly reliable
- Identifies 3-phase sequence and open phase
- Ideal for installing conveyor lines, pump systems and interconnected drivers

## SPECIFICATIONS

|                           |  |
|---------------------------|--|
| Input voltage             | 100-600V AC  |
| Frequency range           | 45-70 Hz   |
| Circuit structure         | All electronic (not mechanical)                                    |
| Power source              | 9V (6F22) x 1  |
| Power consumption         | Consumption current approx. 14mA<br>of motor rotation field tester |
| AC power consumption      | Approx. 7mA  |
| Dimensions                | 150(L) x 72(W) x 35(D)mm   |
| Weight (battery included) | Approx. 212g   |
| Safety standard           | EN 61010-1 CAT III 600V<br>EN 61326-1<br>Instruction manual        |
| Accessories               | Test leads<br>Soft pouch<br>Battery                                |