PRM-6
Phase Sequence and Motor Rotation Tester

Don't second guess three-phase systems

When installing or connecting 3-phase motors and systems, it is important to verify the correct motor rotation and wiring phase sequence to prevent an improperly wired motor from running in reverse, and potentially damaging the motor and the equipment it is powering.

The PRM-6 Motor and Phase Rotation Tester can test the motor rotation of 3-phase systems with traditional test leads or wirelessly for fast-running motors or when the drive shaft isn't visible.

PRM-6 Features

- **3-phase wire sequence indication**
- **Synchronous or asynchronous** motor rotation direction
- **Error displays** (missing phase, one input connected to neutral or PE or the voltage difference between the phases exceed 30% phase to phase or 65% between phase to neutral)
- **Non-contact,** wireless motor rotation detection on running motors
- **Indicates motor rotation** of disconnected motors when spinning the shaft by hand or other means
- **3-phase** to phase voltage up to 700 V
- **Clear backlit LCD** display with easy to read symbols
- **Durable, rubber casing** for 3 ft. (1 m) drop-proof protection
- **Safety:** CAT IV 600 V

Input terminals L1 (A), L2 (B), L3 (C)

Non-contact motor orientation symbol and sensor indicator

Symbol for L1, L2, L3 inputs

Symbol for left/counterclockwise motor rotation

ON button / backlight

Warning symbol for error condition

Symbol for right/clockwise motor rotation

Electrical Safety CAT IV 600 V **PRM-6** Motor and Phase Rotation Tester

Indicates the phase rotation in 3-phase systems for both power sources and motors.

Identifies faulty 3-phase wiring with de-energized phases or incorrectly wired receptacles.

Indicates motor rotation in disconnected motors using test leads and by spinning the shaft by hand or other means.

Tests for rotation direction on a running motor with the built-in noncontact, wireless sensor – specifically important for fast running motors or motors where the shaft is not visible.