

# Phase and Motor Rotation Meter Model 6609



The Phase Rotation Meter Model 6609 is a compact and rugged meter designed to identify phase rotation on 3-Phase systems and identify live and open/de-energized phases. Ideal for installing rotating machinery or motors, and for checking generator output.

The Model 6609 is also an ideal tool for measuring the proper rotation of motors, conveyors, pumps and other electrical devices interconnected on the power line system before installation where direction of rotation is dependent on proper phase hook-up.

This meter provides the following functions:

- Determination of the direction of phase rotation
- Presence or absence of phase
- Determination of the direction of rotation of a motor with or without connection
- Determination of the activation of a solenoid valve without connection

## Features

- Phase and motor rotation indicators
- Color-coded leads (red, black, blue) and alligator clips (black)
- Simple operation
- 600V CAT III rated and CE Mark

## Applications

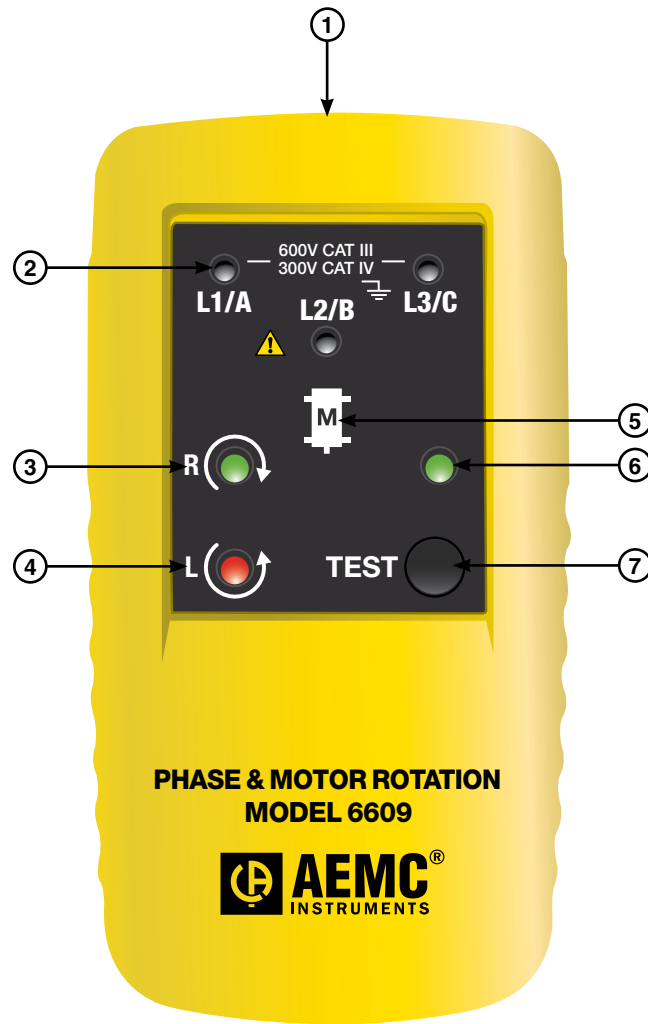
- Verify proper phase wiring
- Detect open or de-energized phases
- Determine correct wiring for proper rotation on motors, pumps, etc.



## Specifications

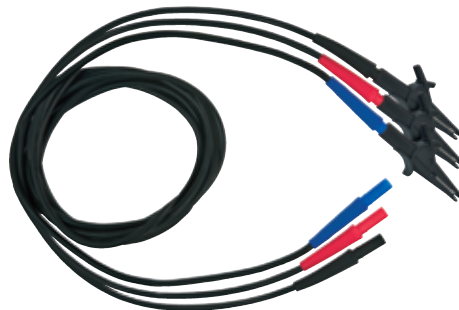
SPECIFICATIONS	
MODEL	6609
<b>ELECTRICAL</b>	
Operating voltage	With leads connected: 40 to 600V <sub>ac</sub> between phases Without leads connected: 120 to 400V <sub>ac</sub> between phases
Frequency range	15 to 400Hz
Power supply	9V battery Alkaline (included)
Electrical safety	600V CAT III
<b>MECHANICAL</b>	
Dimensions	5.1 x 2.7 x 1.3" (130 x 69 x 32mm)
Weight	6 oz (170g)
<b>ENVIRONMENTAL</b>	
Operating Temperature	32° to 104°F (0° to 40°C)
Storage Temperature	-4° to 122°F (-20° to 50°C); RH < 80%
<b>SAFETY</b>	
Safety Ratings	IEC 61010-1, DIN VDE 0411; IEC 61557-7, DIN VDE 0413-7; Tightness: IP 40 (as per IEC 60529 Ed.92)

## Construction



- |  |  |
|--|--|
| 1. Test lead input terminals                     | 4. Red counter-clockwise rotation LED indicators |
| 2. Phase indicators L1, L2, L3                   | 5. Symbol for correct orientation on the motor   |
| 3. Green clockwise rotation LED indicators       | 6. Green LED indicating the unit is ON           |
| 4. Red counter-clockwise rotation LED indicators | 7. ON/OFF button                                 |

## Accessories



*Model 6608 includes a carrying case,  
3 test leads, 3 alligator clips and  
a user manual*

### ORDERING INFORMATION

### CATALOG NO.

Phase and Motor Rotation Meter Model 6609 ..... Cat. #2121.11

## Contact Us

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