

Models 6608, 6609 & 6610

Ideal for installing rotating machinery or motors, and for checking generator output phase direction



(Model 6610 only)

(Models 6608 & 6609 only)

► FEATURES

- Voltage sensing detector clips – no metal contact points to promote greater safety (Model 6610)
- Indication of live phase presence or phase absence
- Designed for checking a wider range of 3-phase power source from 75V to 1000VAC (Model 6610)
- Determination of a motor's rotation direction (Model 6609)
- Automatic testing as soon as the instrument is connected
- Terminals and cables identified by color-coding to simplify connection (test leads are attached to Model 6610)
- Phase rotation indicators (Model 6608)
- Phase and motor rotation indicators (Models 6609 & 6610)
- Color-coded leads (red, black, blue) and alligator clips (black)
- Color-coded jacks for common U.S. phase colors
- Line supplied - no battery needed (Model 6608)
- Protected internally by high impedance circuit to limit the current to user safe limits

► SPECIFICATIONS

| MODELS | 6608 | 6609 | 6610 |
|------------------------------|---|---|---|
| ELECTRICAL | | | |
| Operating Voltage | 40 to 850VAC between phases | With leads connected: 40 to 600VAC between phases | Static induction |
| Frequency Range | 15 to 400Hz | | 45 to 65Hz |
| Power Supply | Self-powered via the measurement inputs | 9V Alkaline battery (included) | One 9V Alkaline battery (included) |
| MECHANICAL | | | |
| Dimensions | 5.1 x 2.7 x 1.3" (130 x 69 x 32mm) | | 5.0 x 2.8 x 1.8" (128 x 72 x 44mm) |
| Weight | 4.5 oz (130g) | 6 oz (170g) | .82 lbs (380g) battery included |
| ENVIRONMENTAL | | | |
| Operating Temperature | 32° to 104°F (0° to 40°C) | | 14° to 122°F (-10° to 50°C); max. 80% R.H. |
| Storage Temperature | -4° to 122°F (-20° to 50°C); RH < 80% | | -4° to 140°F (-20°C to 60°C); max. 80% R.H. |
| SAFETY | | | |
| Safety Ratings | IEC 61010-1, DIN VDE 0411; IEC 61557-7, DIN VDE 0413-7; Tightness: IP 40 (as per IEC 60529 Ed.92) | | EN 61010-1, EN 61326-1 |
| Electrical Safety | 600V CAT III | | 1000V CAT III; 600V CAT IV |

► PRODUCT INCLUDES

6608 & 6609

Carrying case, three test leads (4 ft), three alligator clips and a user manual.

6610

Soft carrying case, meter with attached test leads (black, red & blue) with alligator clips, 9V battery and user manual.

| CATALOG NO. | DESCRIPTION |
|-------------|---|
| 2121.10 | Phase Rotation Meter Model 6608 |
| 2121.11 | Phase & Motor Rotation Meter Model 6609 |
| 2121.12 | Phase Rotation Meter Model 6610 (Non-contact) |

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