



MT936 Non-contact Safety Phase Indicator

The MT936 is a professional Non-Contact Phase Rotation Meter designed to safely and accurately determine phase detection. This innovative tester clamps over insulated conductors, eliminating the need for direct contact and ensuring effortless 3-phase measurements from 70V to 1000V AC within a 45Hz to 66Hz frequency range. 3 Green LED's indicate that the insulated clamps are connected, and if the phase sequence is correct a green LED will indicate a clockwise direction. If the phases are reversed a red LED will be lit indicating anti-clockwise and an audible buzzer will sound. Designed to meet IEC 61010-1 (CAT IV 600V / CAT III 1000V) standards and features a brightness button for enhanced LED visibility even in bright sunlight. The built-in magnet allows a secure attachment to metallic surface allowing hands free operation, while its compact, lightweight design and IP40 dust-proof rating ensures durability. Perfect for electricians and engineers, the MT936 offers precise, reliable performance in any environment.

Features

- LED indicators for L1/L2/L3, Clockwise/Counter Clockwise Phase rotation
- Non-contact measurements can be made on conductors with insulation of up to 10MΩ /1000V
- Conductor Size range from Ø 2.4 to 30mm
- 3-Phase Voltage Range from 70V to 1000V AC (Voltage to earth, continuous sine wave)
- Low Battery Warning: Power LED flashes at 7.2 ± 0.2V or less and powers off automatically at 6.2 ± 0.2V or less
- Brightness Button to increases LED indicator brightness in dimly lit areas
- Magnet allowing the MT936 to be fixed onto a distribution board/metal surface



Function	Range
Voltage Range	3-Phase 70V to 1000V AC (Voltage to earth, continuous sine wave)
Frequency Range	45Hz to 66Hz
Operating Humidity	Relative humidity 80% or less (no condensation)
Safety Standards	IEC 61010-1 (CAT III 1000V/CAT IV 600V Pollution degree 2), IEC 61010-03, IP40 (IEC 60529)
Insulation Resistance	10MΩ or more/1000V between the tip of the measurement clip and enclosure
Battery	1 x 9V
Auto Power Off	approx. 10 minutes
Low Battery Warning	Power LED flashes at 7.2±0.2V or less (turns off automatically at 6.2±0.2V or less)
Croc Diameter	Ø 2.4 to 30mm
Cable Length	80cm
Dimensions	135mm x 75mm x 31mm
Weight	340g



Brightness Button To Increases LED Indicator Brightness



30mm Max Jaw Size.
80cm Cable Lengh



Magnet Allowing Handsfree Measuring For Distribution Lines

MT936

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