

sanwa®

TOKYO JAPAN

3PHASE DETECTOR

KS3



APPLICATIONS AND FEATURES

This instrument is a motor rotation tester & 3phase detector that allows you to determine the rotation direction of a three-phase motor by turning the motor shaft manually, as well as to check the phase sequence(Positive, Negative) and open phase condition of three-phase lines.

- Checking the motor rotation direction and three-phase AC detector
- When the phase is positive(clockwise), the CW indicator lights green
When the phase is negative(counterclockwise), the CCW indicator lights red
When the phase is open, the LED OFF indication
- Magnets on the back of the main unit allow it to be fixed on a distribution board and other metallic objects

SPECIFICATIONS

Overload protection input	600V
Fuse rating	φ5 x 20 mm, 0.5A/500V Breaking capacity 50kA
Motor rotation direction	Determined at rotation speeds from 2 Hz(2 rotations/sec) to 400Hz
Operating environment	Altitude 2000 m or less, indoor use, environmental pollution degree II
Operating temperature / humidity	0 to 40°C 80% RH or less(without condensation)
Storage temperature / humidity	-10 to 50°C 80% RH or less(without condensation)
Power consumption	Approx. 5mA(standby state), approx. 10mA(MAX)
Low battery indication	Power ON indicator stops lighting at approx. 6.0 V or less
Continuous operation duration	Approx. 60 hours
Measurement	Motor rotation direction, open phase and phase
Voltage detection	Frequency range : 40 to 400Hz Voltage range : AC75 to 500V
Motor rotation	Induced voltage range : approx. more AC1V
Safety	IEC61010-1 CAT.III 500V, IEC61010-031, IEC61010-030, IEC61326-1, IEC61557-1, IEC61557-7
Battery	6LR61(9V) x 1
Size / Mass	H128 x W72 x D38mm / Approx. 210g
Standard accessories included	Alligator clips(CL-KS), Test lead(TL-KS), Carrying pouch(C-KS2), Instruction manual

A battery for monitoring has been installed prior to shipment from the factory. It may be discharged before the expiration of the described battery life. This battery is used to check the functions and performance of the product. Specifications and external appearance of the product described above may be revised for modification without prior notice.

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SANWA ELECTRIC INSTRUMENT CO., LTD.

Dempa Bldg, 4-4 Sotokanda 2-Chome, Chiyoda-Ku, Tokyo 101-0021 Japan
Tel:+81-3-3251-0941 Fax:+81-3-3256-9740

www.sanwa-meter.co.jp

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