

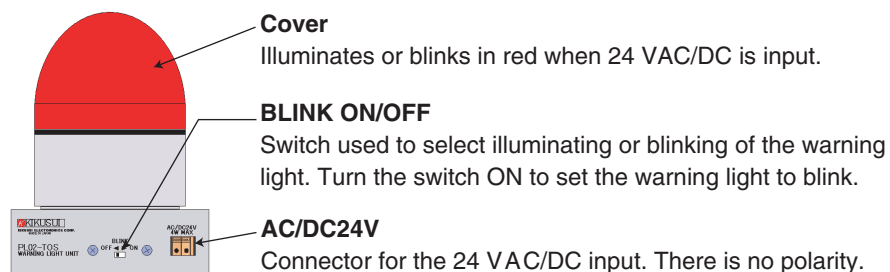
This warning light indicates on-going tests on testers that have a 24 V AC/DC signal output connector such the withstanding voltage/insulation resistance tester.

■ Supported model

Model	
TOS9200	TOS5200
TOS9201	TOS5300
TOS9213S	TOS5301
—	TOS5302

⚠ WARNING • For your safety, be sure to check the warning light illuminates before using it. Do not leave or use the light with the cover removed or when the cover is broken.

Names of Parts

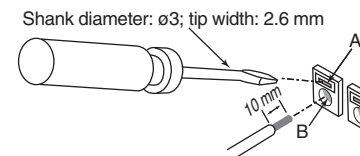


■ Connecting to the connector

1. Remove 10 mm of coating from the tip of the wires.
2. Insert a flat-blade screwdriver into A, and open B.
3. Insert the wire into B.
Take care to prevent the coating from becoming caught in B.
4. Gently pull on the wire to confirm that it is securely connected.

Applicable wires

Wire length	Less than 3 m
Solid wire	ø0.4 to ø1.2 (AWG26 to 16)
Stranded wire	0.3 mm ² to 1.25 mm ² (AWG22 to 16) Element wire diameter ø0.18 or more



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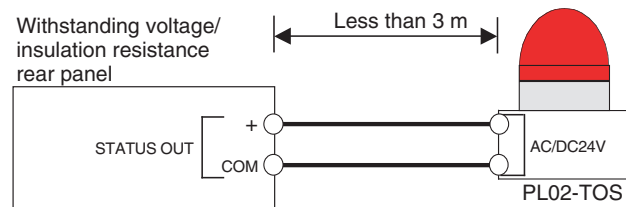
Website <http://www.kikusui.co.jp/en>

Operating Procedure

⚠ WARNING • Be sure to turn off the withstanding voltage/insulation resistance tester before connecting the wires.

1. Connect the AC/DC24V connector of the warning light and the signal output connector of the withstanding voltage/insulation resistance tester.
2. Set the withstanding voltage/insulation resistance tester so that a signal is output from the signal output connector when a test is in progress.
3. The warning light is activated when a test is started on the withstanding voltage/insulation resistance tester.

■ Connection example



⚠ CAUTION • A rubber magnet is attached to the bottom of the unit to fix the unit in place. However, do not place the unit on a slanted surface, uneven surface, or a place with vibrations. The rubber magnet cannot withstand strong shock. Be careful not to drop the unit by carrying out acts such as yanking on the connection cord. Such acts can damage the warning light.

- If the cover needs cleaning, gently wipe using a soft cloth with water-diluted neutral detergent. Do not use volatile solvents such as thinner or benzene.

Specifications

Power requirement		
Nominal Voltage		24 VAC/DC
Allowable voltage range		AC: 24 V± 10 %, DC: 20 V to 30 V
Current consumption (24 VDC)		55 mA
Maximum power consumption		4 W
Installation location		Indoors at an altitude of up to 2000 m
Environment		
Operating range	Temperature	0 °C 40 °C (32 °F to 104 °F)
	Humidity	20 % to 80 % RH (No condensation)
Storage range	Temperature	-20 °C to 70 °C (-4 °F to 158 °F)
	Humidity	90 % RH or less (No condensation)
Safety (A custom order model does not apply to.)	This instrument is designed to comply with the requirements of following standard for class III portable equipment and is for use in a pollution degree 2 ^{*1} environment. IEC61010-1:1990-09 / A2:1995-07 Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use The equipment is designed to operate from overvoltage category I.	
Insulation resistance	30 MΩ or more (500 VDC) [between the connector and chassis]	
Withstand voltage	500 VAC, 1 minute, 2 mA or less [between the connector and chassis]	
Dimensions (largest section)	110 W x (160) H x 115 (120) D mm (4.33 W x (6.30) H x 4.53 (4.72) D inch)	
Weight	Approx. 700 g (1.54 lb)	
Accessories	Connection cord: 1 set (2.5 m), Operation manual: 1 copy.	

- *1. Pollution is addition of foreign matter (solid, liquid or gaseous) that may produce a reduction of dielectric strength or surface resistivity. Pollution Degree 2 assumes that only non-conductive pollution will occur except for an occasional temporary conductivity caused by condensation.