

**TRS Series**  
*Unsurpassed Features for Ultra Long Life*



Unsurpassed construction, electrical, process, and environmental protections make the TRS Series the highest grade twistlock photocontrol on the market today. No aspect of design was overlooked, thus eliminating any potential weak point. It is designed to exceed the life expectancy of LED and Induction lights. The TRS is the best value photocontrol available.

**Electrical**

<u>Model Numbers:</u> <u>Operating Voltage Range</u>	TRS-1: 105-130 VAC, 50/60 Hz - Nominal Voltage 120V TRS-2: 105-305 VAC, 50/60 Hz - Nominal Voltage 120/208/240/277V TRS-1-FO: 105-130 VAC, 50/60 Hz - Nominal Voltage 120V <u>Fail OFF</u> TRS-2-FO: 105-305 VAC, 50/60 Hz - Nominal Voltage 120/208/240/277V <u>Fail Off</u>	
<u>Load Rating</u>	1,000W/1,800 VA	15 Amp relay tested to 15,000 operations at 1,000 watts. AIR GAP load break has no voltage leakage
<u>Operating Temperature</u>	-40°C to +70°C	(-40°F to +158°)
<u>Surge Protection:</u>	40,000 Amps	640 Joule
<u>Power Consumption</u>	<0.5 Watts	@ 120 V
<u>Dielectric Strength</u>	5,000 Volts	Between current carrying parts

**Mechanical**

<u>Photocell</u>	Silicon Sensor in Glass and Metal Hermetic Enclosure	MIL STD202D, Method 112A Test Condition B
<u>Printed Circuit Board</u>	Glass Epoxy, Ionic Cleaning and Decontamination, Conformal Coated	MIL-1-24768/2/27-GEE, GEF MIL-PRF-55110F MIL-I-46058C
<u>Cover &amp; Window</u>	Black Xenoy by Sabic	No. X5600WX-Series
<u>Base</u>	Polycarbonate 140°C	UL94HB Flame Class Rating
<u>Gasket</u>	Neoprene	ASTM D 1056
<u>Operating Light Levels</u>	Turn-on: 1.5 FC, 1.5:1 Off/On Ratio	+/- .25 FC, 3-5 Sec Turn-off Delay