

Energy Division

PT/SPT Series Photocontrol

Non-Metallic Housing

Tyco Electronics PT/SPT Series offers a durable control with an optional swivel base allowing maximum mobility for installation.

Features

- Fixed or Adjustable Swivel Base
- Heavy-Duty Thermal Bi-Metal Switch
- UL Listed
- 30-45 Second Time Delay
- 2000 Watt Rating
- Fail Mode is ON

Innovative Design

The PT/SPT Series controls combine the superior performance of the AT Series with an economical, yet highly durable, polycarbonate housing.

Key Benefits

Controls include a heavy-duty bi-metal switch that provides a 30-45 second time delay. This virtually eliminates unwanted lamp cycling that could be caused by lightning, car headlights, or other sudden changes in ambient light level.

Although the Turn-On level is pre-set at the factory, each PT and SPT control is furnished with an adjustable slide bar that allows field adjustment to satisfy specific needs. The SPT is also equipped with an adjustable swivel base to provide installation flexibility.

Common Uses for the AT Series

- Billboard Lighting
- Commercial or Residential Use

Tyco Electronics' photocontrols can be used to safely control luminaries with incandescent, HID, or compact fluorescent lamps. The PT/SPT Series is the result of over fifty years of experience designing and delivering superior photocontrols and other lighting accessories in the US and around the world.

Features

Switch SPST thermal bi-metallic
Fail Mode ON (contacts normally closed)
Switch Lifetime Exceeds 5,000 ON/OFF operations
Housing Polycarbonate with UV resistant window
Lead Wire 6", #14 AWG, rated 105°C (all other models)

Nipple 1/2" pipe

Nut 1/2" pipe, zinc die-cast

Specifications

Physical - Enclosure: designed to meet ANSI C136.10

- Power consumption: less than 0.9 Watts (avg.) at 120 VAC

Temperature - Minus 40°C to plus 65°C @ 96% RH Load Rating - 2000 Watt Tungsten 1900 VA

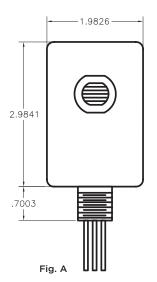
Light Sensor - Cadmium Sulfide Cell

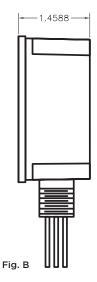
Selection Information				Load Rating Tungsten	Load Rating Ballast	Turn ON	OFF/ON
Model	Base	Rated Volts	(Volts)	(Watts)	(VA)	(Fc)	Ratio.
PT-15	Fixed	120	105 - 130	2000	1900	1.5	5:1
CPGI-ALR-PT-15	Fixed	120	105 - 130	2000	1900	1.5	5:1
PT-168	Fixed	240	185 - 305	2000	1900	1.5	5:1
PT-20	Fixed	120/208/240/277	105 - 305	2000	1900	1.5	5:1
PT-347*	Fixed	347	310 - 380	2000	1900	1.5	5:1
SPT-15	Swivel	120	105 - 130	2000	1900	1.5	5:1
CPGI-ALR-SPT-15	Swivel	120	105 - 130	2000	1900	1.5	5:1
SPT-168	Swivel	240	185 - 305	2000	1900	1.5	5:1
SPT-19*	Swivel	480	420 - 530	2000	1900	1.5	5:1
SPT-347**	Swivel	347	310 - 380	2000	1900	1.5	5:1

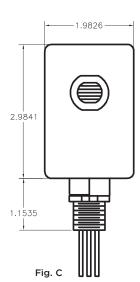
Note: 6" Lead Wires
*Not UL Listed
** CSA Listed only

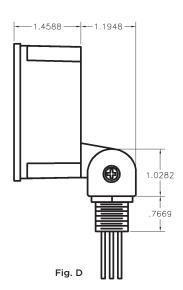
Fig. A & B Illustrates frontal and side view of PT Model

Fig. C & D Illustrates frontal and side view of SPT Model









Tyco Electronics Corporation

8000 Purfoy Road
Fuquay Varina, NC 27526-9349
Tel: 800.327.6996
Fax: 800.527.8350
E-mail: naenergy@tycoelectronics.com
http://energy.tycoelectronics.com/photocontrols
www.tycoelectronics.com/
Copyright 2008 Tyco Electronics Corporation.
All rights reserved.
9-1773453-4 E355 12/08

All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct and reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance of any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for these products is set forth in our standard terms and conditions of sale. TE logo and Tyco Electronics are trademarks

Energy Division - A pioneer in the development of economical solutions for the electrical power industry. Our product range includes: cable accessories, connectors & fittings, electrical equipment, instruments, lighting controls, insulators & insulation enhancement and surge arresters.

Mike O'Toole Tyco Electronics, Energy Inside Sales

ALR = Area Lighting Research. The name of the company who made these parts before Tyco purchased them. We keep the ALR as part of the part #'ing for brand recognition.

CPGI prefix designates a clam shell, see-thru package designed to hang on a rod in a retail environment. It also has a std pack qty of 10 pcs.

Non CPGI parts come in a thin cardboard box. You cannot see through it nor hang it but it easily opens for inspection of the part. Std pack qty on these is 12 pcs

The W suffix designates the inclusion of a wall plate. It is pictured above in the CPGI packaging.

Thanks,

Mike O'Toole Tyco Electronics, Energy Inside Sales michael.otoole@te.com Office Phone 1-800-327-6996, Industrial Option Fax 1-800-527-8350