



## PT/SPT SERIES PHOTOCONTROL

### THERMAL, NON METALLIC HOUSING, WIRE-IN

#### KEY FEATURES

- Heavy-duty thermal bi-metal switch
- 30 - 45 second time delay
- UL | CSA Listed
- ANSI C136.10 compliant
- Fail mode is ON

TE Connectivity's (TE) PT/SPT Series offers a durable control with an optional swivel base allowing maximum mobility for installation.

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

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.

**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**

## PT/SPT Series Photocontrol

TE's photocontrols can be used to safely control luminaries with incandescent, HID, LED, or compact fluorescent lamps.

### TECHNICAL INFORMATION

Switch	SPST thermal bi-metallic, Exceeds 5,000 ON/OFF operations
Fail Mode	ON (contacts normally closed)
Housing	Polycarbonate with UV stabilized window
Lead Wires	6", #14 AWG, rated 105°C (all other models)
Nipple	1/2" pipe
Nut	1/2" pipe, die-cast

### SPECIFICATION

Physical	Enclosure: designed to meet UL 773A
	Power consumption: less than 0.9 watts at 120 VAC
Temperature	Minus 40°C to plus 65°C at 96% RH
Switch	2000 Watt Tungsten 1900 VA ballast
Load Rating	Cadmium Sulfide Cell

### PRODUCT SELECTION INFORMATION

Description	Base	Rated (Volts)	Range (Volts)	Load Rating Tungsten Watts)	Load Rating Ballast (VA)	Turn ON (Fc)	OFF/ON Ratio
PT-15	Fixed	120	105 - 130	2000	1900	1.5	4 : 1
PT-168	Fixed	208/240/277	185 - 305	2000	1900	1.5	4 : 1
PT-20	Fixed	120/208/240/277	105 - 305	2000	1900	1.5	4 : 1
PT-347**	Fixed	347	310 - 380	2000	1900	1.5	4 : 1
SPT-15	Swivel	120	105 - 130	2000	1900	1.5	4 : 1
SPT-168	Swivel	208/240/277	185 - 305	2000	1900	1.5	4 : 1
SPT-19*	Swivel	480	420 - 530	2000	1900	1.5	4 : 1
SPT-347**	Swivel	347	310 - 380	2000	1900	1.5	4 : 1

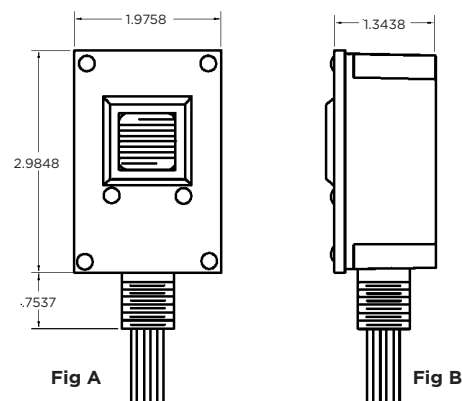
Note: 6" Lead Wires  
 \* Not UL or CSA Listed  
 \*\* CSA Listed Only



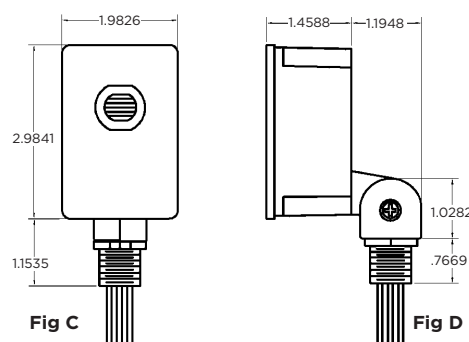
[te.com/energy](http://te.com/energy)

©2019 TE Connectivity. All Rights Reserved. E335-0719-EN

Raychem, TE, TE Connectivity and the TE connectivity (logo) are trademarks of the TE Connectivity Ltd. Family of companies. Other logos, product and Company names mentioned herein may be trademarks of their respective owners. While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this brochure are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications



Figures A & B: Illustrates front and side view of PT Model



Figures C & D: Illustrates front and side view of SPT Model

### FOR MORE INFORMATION: TE Technical Support Centers

USA:	+ 1 800 327 6996
France:	+ 33 380 583 200
UK:	+ 44 0870 870 7500
Germany:	+ 49 896 089 903
Spain:	+ 34 916 630 400
Italy:	+ 39 333 250 0915
Benelux:	+ 32 16 508 695
Canada:	+ 1 (905) 475-6222
Mexico:	+ 52 (0) 55-1106-0800
Latin/S. America:	+ 54 (0) 11-4733-2200
China:	+ 86 (0) 400-820-6015