



## 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.**

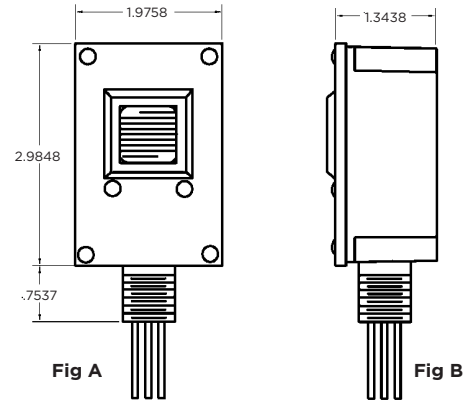
## PT/SPT Series Photocontrol



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

### TECHNICAL INFORMATION

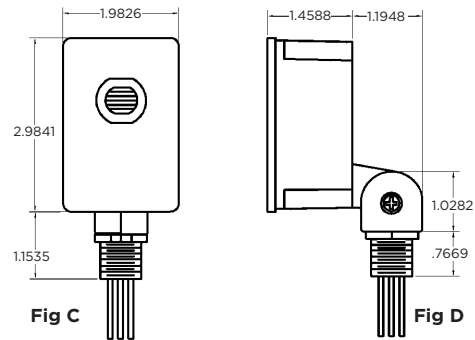
|            |   |
|------------|---|
| Switch     | SPST thermal bi-metallic, Exceeds 5,000 ON/OFF operations |
| Fail Mode  | ON (contacts normally closed)                             |
| Housing    | Polycarbonate with UV stabilized window                   |
| Lead Wires | 6", #14 AWG, rated 105°C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



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

### 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                              |



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

### 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



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