



## 7000 SERIES PHOTOCONTROL

### HIGH PERFORMANCE, LOW COST, UTILITY GRADE CONTROL

#### KEY FEATURES

- Multi-volt operation
- High-temperature housing and components
- 20mm, 15 kA, 480 Joule MOV Standard
- Reliable, versatile, high performance, and low cost
- Meets or exceeds ANSI C136.10

TE Connectivity's (TE) advanced technology 7000 Series Photocontrol provides a unique mix of low-cost, long-life, and multi-volt operation for demanding Roadway Lighting applications.

The 7000 Series Photocontrol unique design considerably improves the relay life. By surpassing 20,000 ON/OFF operations per the ANSI C136.10 standard, its expected life is 8-10 years.

Like all of our electronic controls, the 7000 Series utilizes our interlocking base/cap design for superior environmental protection.

IR Filtered Phototransistor gives a human eye response along with long-term, drift-free light sensing.

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

## 7000 Series Photocontrol

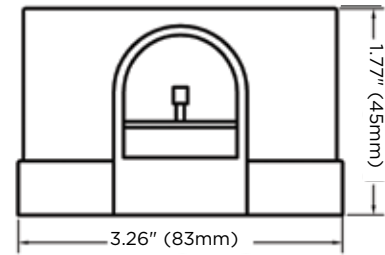


The 7000 Series is the result of over fifty years of experience designing and delivering superior photocontrols and other lighting accessories in the US and around the world.

### TECHNICAL INFORMATION

<b>Rated Volts</b>	05 - 305 VAC
<b>Frequency</b>	50/60 Hz
<b>Operating Light Levels</b>	Standard 1.5 Fc ON (optional 1 - 3 Fc)
<b>Time Delay ON/OFF</b>	Instant ON, 2 - 5 second delay OFF
<b>OFF/ON Ratio</b>	1.5 : 1
<b>Fail Mode</b>	ON
<b>Surge Protection</b>	20mm, 15 kA, 480 Joules MOV
<b>Rated Life</b>	8 years

Meets the CENELEC HD 629.1



### ANSI Standard Cap Colors

120V	Gray
208 / 240 / 277V	Maroon
120 / 208 / 240 / 277V	Blue

### SPECIFICATION

<b>Physical</b>	Dimensions: approx. 3.26" [83mm] dia. x 1.77" [45mm] high (not including contacts)
	Enclosure: designed to meet ANSI C136.10
	Power consumption: less than 0.5 watts at 120 VAC
<b>Temperature</b>	Minus 40°C to plus 65°C at 96% RH
<b>Control</b>	DC Electromagnetic switch type exceeds 20,000 ON/OFF operations per ANSI C136.10
<b>Relay Rating</b>	30 Amp General Purpose Relay
<b>Load Rating</b>	1000 Watt Tungsten 1800 VA
<b>Light Sensor</b>	Non-drifting Phototransistor
<b>Cover</b>	High impact polypropylene with UV stabilized polycarbonate window
<b>Base</b>	High temperature polyester (PBT)
<b>Gasket</b>	Cross-linked polyethylene
<b>Connection</b>	3-pole locking-type with solid brass legs

### HOW TO SPECIFY

The 7000 series offers almost unlimited options ensuring your lighting network needs will be met.

**7 0 90 - V P S - \_ \_**

#### Series (Fail Mode)

7 = 7000 (ON)

#### OFF/ON Ratio

0 = 1.5 : 1

#### Voltage

60 = 120

72 = 208/240/277

90 = 120/208/240/277

#### MOV Surge Protection

V = 480J, 320V, 15,000A, 20mm

#### Cap Color

(Leave blank if ANSI Standard)

BL = Blue

BK = Black

BR = Brown (Bronze)

GN = Green

GR = Gray

MR = Maroon

YL = Yellow

#### Turn-On Level

1 = 1.0 Fc

S = 1.5 Fc (ANSI Std)

2 = 2.0 Fc

3 = 2.6 Fc

#### Light Sensor

P = Phototransistor

F = IR Filtered Phototransistor

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