



6000 Series Photocontrol

Electronic | Heavy-Duty Grade Control

KEY FEATURES

- High reliability, versatile, and long-life
- Multi-volt operation
- High-temp housing and components
- 360 Joule MOV Standard
- Meets or exceeds ANSI C136.10

COMMON USES

- Designated for all traditional roadway and area lighting applications and equipment
- Compatible with all solid state ballast | Drivers applications and equipment

TE Connectivity's (TE) advanced technology 6000 Series Photocontrol provides a unique mix of low-cost, long-life, and multi-volt operation for demanding Roadway Lighting applications.

Innovative Long Life Design

TE's unique design considerably improves the relay life. Rated by 2000W operation, the 6000 Series exceeds the 1000W requirements of ANSI C136.10 by surpassing 11,000 ON/OFF operations, its expected life is far greater than 10 years.

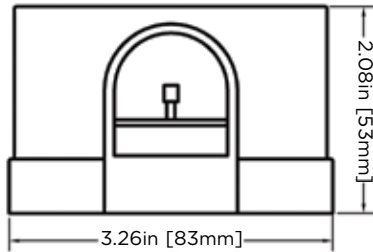
Rugged Housing

Like all of our electronic controls, the 6000 Series utilizes our interlocking base/cap design for superior environmental protection.

Programmable Option

The newest member of the 6000 Series family, the 6190, utilizes a microprocessor in its design ensuring precise calibration for inverse ratio operation and allowing for user-defined factory programmable attributes including ON/OFF ratios, ON light levels and time delays. That's Advanced Technology!





The 6000 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

Rated Volts	105 – 305 VAC
Frequency	50/60 Hz
Operating Light Levels	Standard 1.5 Fc ON (optional 1 - 3 Fc)
Time Delay ON/OFF	Instant ON, 2 - 5 second delay OFF
OFF/ON Ratio	1.5 : 1 & 0.6 : 1
Fail Mode	ON
Surge Protection	360 Joules
Rated Life	10 years

Specifications

Physical	Dimensions: approx. 3.26" [83mm] dia. x 2.08" [53mm] high (not including contacts)
	Enclosure: designed to meet ANSI C136.10
	Power consumption: less than 0.5 watts at 120 VAC
Temperature	Minus 40°C to plus 65°C @ 96% RH
Control	DC Electromagnetic switch type exceeds 11,000 ON/OFF operations per ANSI C136.10
Relay Rating	30 Amp Rated at 120 VAC
Load Rating	2000 Watt Tungsten 1800 VA
Light Sensor	Non-drifting Phototransistor

ANSI Standard Cap Colors

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

How to Specify

The 6000 series offers almost unlimited options ensuring your lighting network needs will be met.

6 0 90 - V P S - BK

Series (Fail Mode)

6 = 6000 (ON)

OFF/ON Ratio

0 = 1.5 : 1

1 = 0.6 : 1

Voltage

60 = 120

72 = 208/240/277

90 = 120/208/240/277

MOV Surge Protection

V = 360J, 320V, 10,000A, 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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