

#### **Energy Division**

# 6000 Series Photocontrol UL Listed Premium Grade Control

Tyco Electronics' Advanced Technology 6000 Series provides a unique mix of low-cost, long-life and multi-volt operation for demanding Roadway Lighting applications.

#### Features

- High Reliability, Long Life
- Multi-Volt Operation
- High-Temp Housing & Components
- 545 Joule MOV Standard
- Extremely Reliable and Versatile
- Meets or Exceeds ANSI C136.10

# Innovative Long Life Design

Tyco Electronics unique design dramatically improves the relay life. 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.

# **UL** Listed

The photocontrol has been certified for safety and compliance to UL Standard for Safety for Plug-In, Locking Type Photocontrols for Use with Area Lighting, UL-773.

# Common Uses for the 6000 Series

- Roadway Lighting
- Parking Lot Lighting
- Billboard Lighting



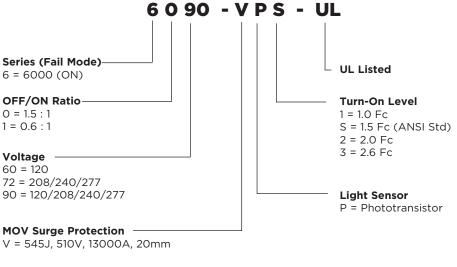
The 6000 Series is the result of over fifty years of experience designing and delivering superior photocontrols and other lighting accessories in the US and around the world.

#### Features

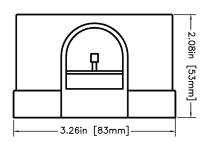
Rated Volts Frequency Operating Light Levels Time Delay ON/OFF OFF/ON Ratio Fail Mode Surge Protection Rated Life Cap Color 105 - 305 VAC 50/60 Hz Standard 1.5 Fc ON (Optional 1-3 Fc) Instant ON, 2-5 Second Delay OFF 1.5 : 1 & 0.6 : 1 ON 545 Joules 10 years Blue (other colors available upon request)

#### How To Specify

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



ANSI Standard Colors	
120V	Gray
208 / 240 / 277V	Maroon
120 / 208 / 240 / 277V	Blue



#### Specifications

Temperature Control

Load Rating

Light Sensor

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
- Minus 40°C to plus 65°C @ 96% RH
- Exceeds 11,000 ON/OFF operations
- Solid State Switch Type

# Relay Rating - 30A

- 1000 Watt Tungsten 1800 VA

- Non-Drifting Phototransistor

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 2009 Tyco Electronics Corporation. All rights reserved. 9-1773454-0 E353 5/09

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.