

2000 / 3000 Series

Electronic - Heavy Duty

Key Features

- Heavy Duty Utility Grade Electronic
- 30 Amp Relay
- 180 or 360 Joule MOV Surge Protection
- 2-4 Second "On" and "Off" Delay
- Non-Drifting Phototransistor
- Rain-Tight / Dust Tight Housing
- ANSI C136.10 Compliant

The 2000 series has become the control of choice by utilities world-wide. This cost effective solid-state photoelectronic control is designed for extra long life in demanding applications. The 2000 series incorporates many of the popular design features offered in our premium 2100 series control including a non-drifting phototransistor and a heavy duty relay, which ensure precise optional control for 8-12 years. The 2000 series is ideal for any application where superior performance and the highest degree of reliability are required.



27

Switch	DC electromagnetic, rated 30 Amp resistive
Fail Mode	On (contacts normally closed)-2000 series, Off (contacts normally open)-3000 series
Power Consumption	1.1 Watts (avg) @ 120 volts
Switch Lifetime	Exceeds 5,000 on/off operations per ANSI C136.10
Temperature Range	-40°C to +65°C @ 96% RH
Cover	High impact polypropylene with UV resistant acrylic window
Base	High temperature polyester (PBT)
Gasket	Cross-linked polyethylene
Connection	3-Pole locking-type with solid brass legs
Light Sensor	Non-drifting phototransistor

Model	Rated Volts	Range (Volts)	Load Rating Tungsten (Watts)	Load Rating Ballast (VA)	Surge Protection (Joules)	Fail Mode	Turn On (Fc)	Off/On Ratio
2060-NPS	120	105 - 130	1000	1800	180	On	1.5 +/- 0.5	2 : 1
2060-VPS	120	105 - 130	1000	1800	360	On	1.5 +/- 0.5	2 : 1
2072-NPS	240	185 - 305	1000	1800	180	On	1.5 +/- 0.5	2 : 1
2072-VPS	240	185 - 305	1000	1800	360	On	1.5 +/- 0.5	2 : 1
2090-NPS	120 / 280 / 240 / 277	105 - 305	1000	1800	180	On	1.5 +/- 0.5	2 : 1
3090-NPS	120 / 280 / 240 / 277	105 - 305	1000	1800	180	Off	1.5 +/- 0.5	2 : 1

The 2000/3000 series controls are also available with other options and for other voltages. Consult your Tyco Electronics Sales Representative for more details.

The photocontrols on this page can be used to safely control luminaries with incandescent lamps, as well as with either HID or fluorescent lamps.