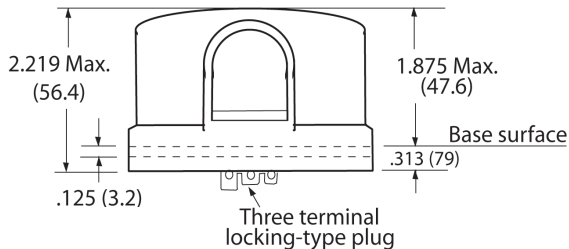


P Series

Phototransistor sensor
solid state photocontrols



“Optimum Performance Without Operational Drift”



P Series Photocontrols

P Series electronic photocontrols utilize a phototransistor light sensor. The photo sensor holds its original operating parameters throughout its life. It is not susceptible to operational “drift” caused by cadmium sulfide breakdown caused by harsh environments or breakdown caused by over heating (a condition of AC electromechanical designs). Extended life is achieved through a non-chatter load break from a low power consumption DC circuit.

Features

- Meets or exceeds ANSI C136.10
- Proven DC circuit design
- Close 1:1.5 On to Off operating ratio
- Non-chatter load break
- Electronic phototransistor light sensor maintains operational levels throughout its life
- Heavy duty construction

Benefits

- 12 year expected life
- Low power consumption and extended life from “cool” operating DC circuit
- Close ratio reduces burning hours at sunrise
- Reduced burning from consistent operating levels throughout its life
- Significantly reduced energy and maintenance costs

Ordering Information

P120 - 1.0 - P - T - M - BR

Model #	Turn On	Photosensor	Time Delay	Surge Protection	Color
P120 (105-130V)	1.0 fcs. On	P Phototransistor	_ No Delay**	_ 90J MOV**	_ Per ANSI**
P124 (105-305V)	1.5 fcs. On		T 3-5 Second Delay	M 190 MOV	BR Brown
P240 (195-305V)	2.0 fcs On			Y 2 190 MOV's	BK Black
P480 (420-530V)	2.5 fcs. On			W 380 MOV	Other Colors Available upon Request

PX - standard grade electronics FAIL OFF Version Available

** No Letter

Specifications

Housing:	UV stabilized, impact resistant polypropylene
Base:	High temperature ABS
Contact Blades:	Solid brass, three prong, locking type
Gasket:	Cross linked polyethylene
Packaging:	Individual units are sealed in water resistant plastic
Weight:	3.0 oz. each, 20 lbs. per 100 unit carton
Size:	16" x 16" x 12" per 100 unit carton

Operating Voltage

Load Rating:	1000 Watt tungsten, 1800 VA
Life at rated load:	5,000 Operations (13.7 Years)
Power Consumption:	1.0 watts average @ 120 volts 1.6 watts average @ 208 volts 1.9 watts average @ 240 volts 2.1 watts average @ 277 volts
Moisture Resistance:	100% RH
Standard Surge Protections:	90 Joule (4,500 Amps) MOV 190 Joule (6,500 Amps) MOV 2 190 Joule (13,000 Amps) MOV 380 Joule (10,000 Amps) MOV
Operating Light Levels:	+/- 0.1 fc. from specified turn-on level 1:1.5 Average turn-on to turn-off ratio
Photosensor:	Encapsulated phototransistor
Dielectric Strength:	5,000 Volts between any current carrying part
Ambient Temperature Range:	-40°C to +70°C (-40°F to + 158°F)