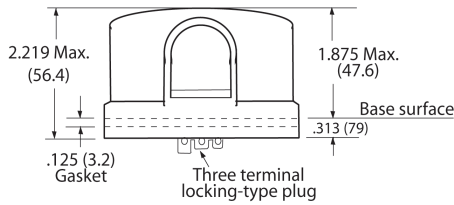


ES Series

Energy SuperStar



“Save Wasted Burning Time Per Day”



ES Series Photocontrols

Since the 1960s and before, photocontrol manufacturers have suggested that photocontrols be orientated toward the North in the Northern Hemisphere and toward the South in the Southern Hemisphere. This was so that direct sunlight would not fall on the cadmium sulfide photosensor causing calibration drift and/or dark current. On-drift silicon sensor technology has

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

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

ES120 - 1.0 - P - T - M - BR

Model #	Turn On	Photosensor	Time Delay	Surge Protection	Color
ES120 (105-130V) ES124 (105-305V)	1.0 fcs. On 1.5 fcs. On 2.0 fcs. On 2.5 fcs. On	P Phototransistor	_ No Delay** T 3-5 sec. Delay	M 190 MOV W 380 MOV	_ Per ANSI** BR Brown BK Black

** 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:	190 Joule (6,500 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)