



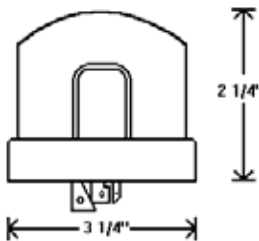
## ELECTRONIC OUTDOOR PHOTOELECTRIC CONTROLS

The Series FP-7570B satisfies the highest priority of photocontrol users today, long trouble-free life resulting in lower operating and maintenance costs.

The FP-7570B has a rugged compact circuit design and uses a metal oxide varistor which protects both the photocontrol and luminaire from surges produced from powerline switching and lightning.

The relay is heavier duty than found in other electronic photocontrols available today. The relay has the capability to handle high loads with less contact wear, lower losses and lower heat build-up. A mechanically connected armature hinge prevents contact misalignment and provides a higher load current carrying capability (ANSI standard C136.10 impact damage resistance requirements are exceeded by a factor of two). Electronic switching of a relay results in smooth chatter free switching.

### MECHANICAL DATA



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

### SPECIFICATIONS

<b>Input Voltage Options:</b> 105-130Vac, 50/60 Hz, 185-305Vac, 50-60 Hz, 105-305Vac, 50/60 Hz	<b>Operational Delay:</b> Instant On, 2-5 Seconds Off
<b>Load Switching Capability:</b> 5,000 operations at ANSI specified load test levels	<b>Operating Temperature:</b> -40_C to +70_C <b>Humidity:</b> 99% RH at 50_C
<b>Rated Load:</b> 1,000W/1,800VA	<b>Turn On to Turn Off Ratio:</b> 1:1.5 Standard
<b>Power Consumption:</b> 1 Watt average at 120V	<b>Surge Protection:</b> 190J Standard, 380J Option

**Ordering Information for Accuswitch™ FP 877 1 B - E B B A**

Code	Basic Model Description
877	Base Model Accuswitch, Sealed Silicon Sensor

Code	Voltage/Frequency
1	105 - 135 Vac 50/60 Hz
2	200 - 300 Vac 50/60 Hz
3	105 - 285 Vac 50/60 Hz

Code	Factory Code
B	Factory Code

Code	Lightning/Surge Protection
E	380 Joules
M	160 Joules

Code	Turn On (FootCandles)
B	1.0 +/- 0.2
C	1.5 +/- 0.2
D	2.0 +/- 0.2
E	2.5 +/- 0.2
F	3.0 +/- 0.2

Code	Turn-Off (Ratio, Off to Turn On)
A-E	0.6 to 1 (inverse)
M	1 to 1

Code	Globe Color Description
A	Dark Gray standard for 120V
B	Maroon standard for 240V
C	Blue standard for 120/240V
D	Black
E	Brown
F	Green
G	Yellow

**Ordering Information for Nightstar™ FP 767 1 C M B B A**

Code	Basic Model Description
767	Electronic outdoor lighting control

Code	Voltage Rating
1	105 - 130 Vac
2	185 - 305 Vac
3	105 - 305 Vac
4	420 - 530 Vac

Code	Sensor Type
C	Silicon
D	Conformally coated Cds cell

Code	Lightning/Surge Protection
M	160 Joules
J	320 Joules

Code	Turn-On, Foot-Candles Description
B	1.0 +/- 0.2 fc
C	1.5 +/- 0.2 fc
D	2.6 +/- 0.2 fc

Code	Globe Color Description
A	Gray standard for 120Vac
B	Maroon standard for 240Vac
C	Blue standard for 105 - 305Vac
D	Black
E	Brown
F	Green
G	Yellow standard for 480Vac

Code	Off to On Ratio Description
B-C	1.5

**Ordering Information for Series 7700 FP 7760 H - N S S - P**

Code	Basic Option
7760	Basic 120V Control
7762	Deluxe 120V Control
7770	Basic 240V Control
7772	Deluxe 240V Control
7790B	Basic Dual Volt Control
7792B	Deluxe Dual Volt Control
7793	Basic 350V Control
7794	Basic 480 Volt Control

Code	Lightning /Surge Protection
N	None
E	Deluxe
S	Standard
M	MOV

Code	Option
- -	Standard Model
P	Time Delay on Turn Off

Code	Turn on (foot candles)
S	1 nominal
5	2 nominal
7	3 nominal
9	4 nominal
10	6 nominal

Code	Globe Option
No Letter	Polypropylene, North Orientation
H	Upward Sensing, OmniDirectional Polycarbonate (Sky Scanner™)

Code	Photocell
S	Conformally coated Cds cell
P	Silicon

**Ordering Information for FP Series: FP FP120 - M S S**

Code	Basic Option
FP120	Basic 120V Control
FP208-277	Basic 208, 240, 277
FP240	Basic 240V Control

Code	Lightning/Surge Protection
M	MOV
S	Standard
E	Deluxe
N	None

Code	Turn on (foot candles)
S*	1 nominal
5	1.5 nominal
7	2 nominal
9	3 nominal
10	4 nominal

Other levels available, consult Factory.

Code	Photocell
S	Standard, conformally coated Cds cell
P	Silicon

\*UL Approved



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