

BF SERIES PHOTOCONTROL

THERMAL, INDUSTRIAL GRADE WITH SURGE PROTECTION

KEY FEATURES

- 180 Joule MOV surge protection
- Heavy-duty thermal bi-metal switch
- 30 45 second time delay
- UL | CSA Listed
- ANSI C136.10 compliant
- Fail mode is ON

Our BF Series offers a locking style control ideal for industrial and commercial lighting applications.

The BF Series is engineered to meet the needs of virtually every outdoor lighting control application utilizing HID luminaires with locking style receptacles. Typical applications include parking lots, security lighting, street, and other types of area lighting.

Controls include a heavy-duty thermal bi-metal switch that provides a 30 - 45 second time delay. This virtually eliminates unwanted lamp cycling that could be caused by lightning, car headlights, or other sudden changes in ambient light level. BF controls are also equipped with 180 Joule MOV to protect both the photocontrol and luminaire from sudden surges in line voltage.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.



BF Series Photocontrol

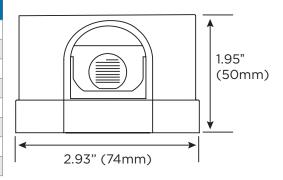






The BF Series is the result of over fifty years of experience designing and delivering superior photocontrols and other lighting accessories in the US and around the world.

TECHNICAL INFORMATION					
Rated Volts	105 - 305 VAC				
Frequency	50 - 60 Hz				
Operating Light Levels	Standard 1.5 Fc ON				
Time Delay	30 - 45 Second Delay ON and OFF				
OFF/ON Ratio	4:1				
Fail Mode	ON				
Surge Protection	180 Joules				
Rated Life	4 years				



SPECIFICATION					
Physical	Dimensions: approx. 2.93" (74mm) dia x 1.98" (50mm)				
	Enclosure: designed to meet ANSI C136.10				
	Power consumption: less than 0.9 watts (avg.) at 120 VAC				
Temperature	Minus 40°C to plus 65°C at 96% RH				
Switch	SPST thermal bi-metallic exceeds 7500 ON/OFF operations at rated load				
Load Rating	000 Watt Tungsten 1800 VA ballast				
Cover	High impact Noryl with UV stablilized acrylic window				
Base	High temperature polyester (PBT)				
Gasket	Cross-linked polyethylene				
Connection	3-pole locking-type with solid brass legs				
Light Sensor	1/2" Cadmium Sulfide (Cds) Cell				

PRODUCT SELECTION INFORMATION									
Description	Rated Volts	Range (Volts)	Load Rating Tungsten (Watts)	Load Rating Ballast (VA)	Surge Protection (Joules)	Turn ON (Fc)	OFF/ON Ratio		
BF-120	120	105 - 130	1000	1800	180	1.5	4:1		
BF-208-277	208/240/277	185 - 305	1000	1800	180	1.5	4:1		
BF-PV	120 or 208/240/277	105 - 305	1000	1800	180	1.5	4:1		





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FOR MORE INFORMATION: TE Technical Support Centers

USA: + 1800 327 6996 + 33 380 583 200 France: UK: + 44 0870 870 7500 Germany: + 49 896 089 903 Spain: + 34 916 630 400 + 39 333 250 0915 Italy: Benelux: + 32 16 508 695 +1 (905) 475-6222 Canada: Mexico: + 52 (0) 55-1106-0800 Latin/S. America: + 54 (0) 11-4733-2200 China: + 86 (0) 400-820-6015

