

BP-SP1-20HV



Mechanical And Environmental Features

Enclosure - IP	IP65
Ta	-40~70°C
Tc	90°
CELEV	5000M
Response time	≤20nS

Pulse rating (8 x 20μSec)

Strikes	Surge
1	22,000A
2	18,000A
15	10,000A
100	4,500A
1000	2,000A
10000	700A

General Data

AC Mains Voltage	347V	
Max Continuous Operating Voltage	AC	385V
	DC	505V
Measured Limiting Voltage (MLV)	L-N:	2040V
	L-G:	2270V
	N-G:	2250V
Nominal Current (In)	10kA	
MAX current (Imax)	20kA	
Max clamping Voltage 8/20μS @10KA	2500V	
UL 1449		

Product Specifications

Protection for LED drivers capable of operating at 347V input voltage or with universal input range of 120V through 347V.

BP- SP1-20HV series products are designed to be used in conjunction with LED Drivers to provide an additional level of protection against powerine disturbances in industrial and commercial applications. It is low-cost single-phase SPD.

BP-SP1-20HV Series are 3-leaded devices that protect: Line-Ground, Line-Neutral, and Neutal-Ground connections, the relatively smaler size of the installation requirements than similar products.

Surge protection device may produce sparks and bums in some kind of failure state (such as MOV failre or prolonged wortk under the condition of greater than maximum working voltage),it must be installed inside the luminaires with certain protective function.

