

# 20KV SURGE PROTECTOR

120-277V AC

ORGANIC LIGHTING®

Project

Date

## DESCRIPTION

20KV Surge Protector is designed to be used in conjunction with LED Drivers to provide an additional level of protection against powerline disturbances in industrial and commercial applications. It is low-cost single-phase Surge Protector. Our Surge Protector protects: line-ground, line-neutral, and neutral-ground connections. Protects against surges and transients per ANSI C62.41-2002 category C low (6KV, 1.2/50  $\mu$ S & 3KA, 8/20 $\mu$ S) standard Combo waves and (6KV, 100KHz) ring wave.

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

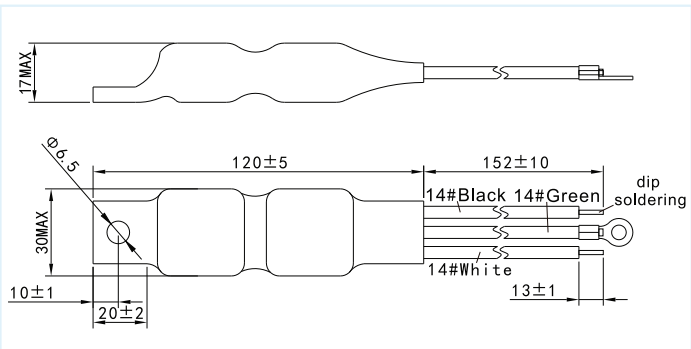


Protection for LED drivers capable of operating at 277V input voltage or with universal input range of 120V - 277V

Part #	AC Mains Voltage	Max Continuous Operating Voltage		Measured Limiting Voltage (MLV)	Nominal Current (In)	MAX Current (Imax)	Max clamping Voltage 8/20 $\mu$ S @10KA
		AC	DC				
#040900	120-277V	320V	420V	L-N:1300V L-G:1430V N-G:1470V	5kA	10kA	1500V

IP65;Ta: -40~ 70°C (-40°F~158°F);Tc: 80°C (176°F)

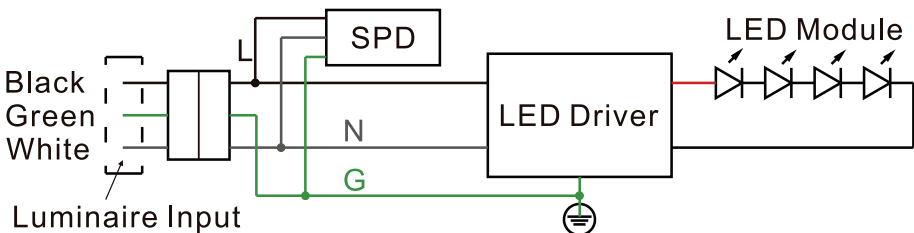
## DIMENSIONS



measured in mm (millimeter)

Pulse rating (8 × 20 $\mu$ Sec)

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



Specifications may be modified or improved without notification