

Surge Protector

Designed to protect luminaires from damaging surge events



TECHNICAL PARAMETERS

Rated Voltage	120-347VAC
Rated Frequency	50-60Hz
Max Continuous Operating Voltage (AC)	385V
Max Current (Max Dishcharge Current/Imax)	10kA
Surge Voltage (Open-circuit voltage/Uoc)	10kV
Measured Limiting Voltage (MLV)	L-N: 1800V L-G: 2200V N-G: 2000V
Operating Temperature	-40°C to 70°C
Enclosure Material	Double wall heat shrink tube, UL 94 V-0
Certifications/Standards	UL 1449 ANSI C62.41-2002
Connection Type	Parallel

PULSE RATINGS

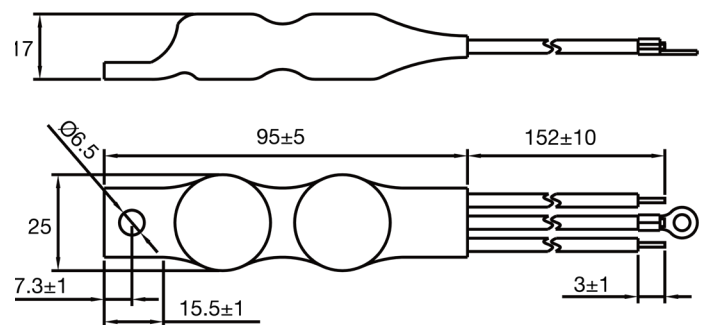
STRIKES	SURGE
1	10,000A
2	6,500A
10	5,000A
100	2,500A
1000	700A

The SPD07-10MV provides reliable 10kV surge protection for 120-347V luminaires, safeguarding fixtures from power disturbances to extend their lifespan.

Its parallel installation allows seamless integration into any fixture with compatible voltage and space.

Compliant with [ANSI C62.41-2002](#) and [UL 1449](#), it ensures industry-standard safety in electrically volatile environments.

DIMENSIONAL DRAWING (MM)



WIRING DIAGRAM & INSTRUCTIONS

1. Install inside luminaire, close to AC side of driver
2. Connect according to wiring diagram below
3. Optional: Secure using M6 screw

