

FAST PLUG-IN SURGE PROTECTION WITH EXTERNAL GROUND - RETROFIT SERIES



Position & Applications

- Street and area lighting ▪ Roadway and freeway lighting
- Parking lots, parks and walkways
- Bus and train depots

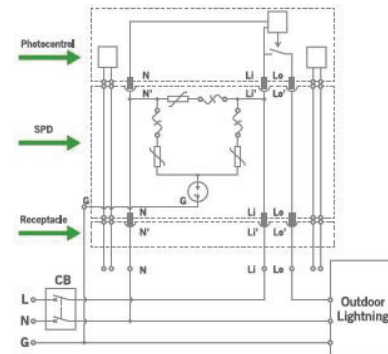
The Fast Plug-In surge protection module was designed for retrofit applications. It removes the surge protector from inside the fixture and positions it between the receptacle and the photocell making it replaceable and much easier to service. The 24" external ground wire attaches to the fixture, arm or pole and provides a ground path to shunt destructive surges and transients away from the fixture's sensitive electrical components. Ideal for DOT's, Utilities, and Municipalities.

Surge Protection Specifications & Features

- Complies with UL 1449, ANSI C136.2-2015, ANSI C136.41, ANSI C136.10, UL 773
- All-mode protection (L-N, L-G, N-G)
- Unique grounding design
- 5kA or 10kA nominal discharge current
- 10kA, 15kA or 25kA maximum discharge current
- 10kV or 20kV open circuit voltage
- Series and Parallel connections available
- Diagnostic Light
- Optional GDT/MOV hybrid circuit
- 347V and 480V versions available



Wiring Diagram



Gas Discharge Tube / MOV Circuit
Designed to eliminate leakage and follow on current extending the life of the surge protector.

Product Model	Operating Voltage	I _n	I _{MAX}	U _{oc}	MCOV	Clamp Voltage	Thermal Fusing	3-Mode Protection	Gas Tube	Diagnostic Light	Pin Configuration	Operating Temperature	Product Warranty
SD10P277LE-TL	120V-277V	10kA	25kA	20kV	320V	1150V	✓	✓		✓	3-Pin	-40F ~ +185F	10-years
SD10P277AE-TL	120V-277V	10kA	25kA	20kV	320V	1300V	✓	✓	✓	✓	3-Pin	-40F ~ +185F	Lifetime
SD10P277LE-4TL	120V-277V	10kA	25kA	20kV	320V	1150V	✓	✓		✓	7-Pin	-40F ~ +185F	10-years
SD10P277AE-4TL	120V-277V	10kA	25kA	20kV	320V	1300V	✓	✓	✓	✓	7-Pin	-40F ~ +185F	Lifetime
SD05P277LE-TL	120V-277V	5kA	10kA	10kV	320V	1150V	✓	✓		✓	3-Pin	-40F ~ +185F	10-years
SD05P277AE-TL	120V-277V	5kA	10kA	10kV	320V	1300V	✓	✓	✓	✓	3-Pin	-40F ~ +185F	Lifetime
SD05P277LE-4TL	120V-277V	5kA	10kA	10kV	320V	1150V	✓	✓		✓	7-Pin	-40F ~ +185F	10-years
SD05P277AE-4TL	120V-277V	5kA	10kA	10kV	320V	1300V	✓	✓	✓	✓	7-Pin	-40F ~ +185F	Lifetime