

3-Pin/7-Pin Surge Protected Receptacle for LED Outdoor Lighting using Photocells

20kV U_{oc} 10kA I_n 25kA I_{max}

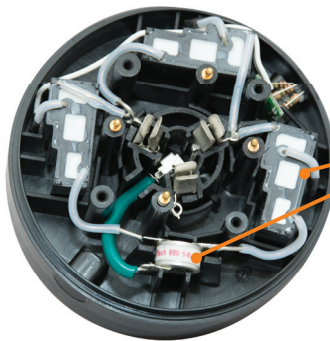


Features

- UL 1449 4th Edition
- L-N, L-G, N-G protection (3 Mode Protection)
- OEM Design-in Application
- Optional GDT/MOV hybrid circuit
- Compatible with standard Photocontrol and Shorting Caps
- Diagnostic light

Applications

- Highway & Street Lighting
- Parking Lots & Garages
- Bus & Train Depot Lighting
- Digital Signs & Billboards
- Paths & Walkways
- Parks & Stadiums



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

Surge Protection Performance Specifications

Product Model	Product Model	Operating Voltage	I_n	I_{MAX}	U_{oc}	MCOV	Voltage Protection Rating	Thermal Fusing	3-Mode Protection	Gas Tube	Diagnostic Light	Operating Temperature	Connection	Product Warranty
Built-In Surge Receptacle 3-pin	SD10P277AR-TL	277V	10kA	25kA	20kV	320V	1300V	✓	✓	✓	✓	-40F ~ +185F	Series	Lifetime
Built-In Surge Receptacle 3-pin	SD10P480AR-TL	480	10kA	25kA	20kV	550V	1800V	✓	✓	✓	✓	-40F ~ +185F	Series	Lifetime
Built-In Surge Receptacle 3-pin	SD10P277LR-TL	277V	10kA	25kA	20kV	320V	1150V	✓	✓		✓	-40F ~ +185F	Series	10-years
Built-In Surge Receptacle 3-pin	SD10P480LR-TL	480	10kA	25kA	20kV	550V	1600V	✓	✓		✓	-40F ~ +185F	Series	10-years
Built-In Surge Receptacle 7-pin	SD10P277AR-4TL	277	10kA	25kA	20kV	320V	1300V	✓	✓	✓	✓	-40F ~ +185F	Series	Lifetime
Built-In Surge Receptacle 7-pin	SD10P480AR-4TL	480	10kA	25kA	20kV	550V	1800V	✓	✓	✓	✓	-40F ~ +185F	Series	Lifetime
Built-In Surge Receptacle 7-pin	SD10P277LR-4TL	277	10kA	25kA	20kV	320V	1150V	✓	✓		✓	-40F ~ +185F	Series	10-years
Built-In Surge Receptacle 7-pin	SD10P480LR-4TL	480	10kA	25kA	20kV	550V	1800V	✓	✓		✓	-40F ~ +185F	Series	10-years