

Over Voltage & Under Voltage Cut-Off With Surge Protection Device (SPD)



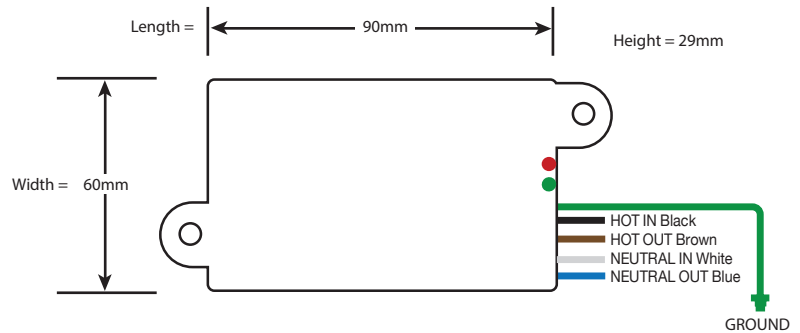
SPD Features

- Thermally-Fused MOVs (TFMOV)
- Gas Discharge Tube Technology
- Multi-Function Diagnostic Indicators
- All-Mode Protection (L-N, L-G and N-G)
- Small Footprint with Mounting Tabs
- UL 1449 Approved

Operating Environment		
Specifications	Parameter	Referred Standard
Installing Location	Indoors or Similar Location	IEC 61643-11
IP Rating	IP 66 (excluding the wire)	IEC 61643-11
Wire Connecting	18AWG Multi-Strand Soft Wire	IEC 61643-11
Related Voltage	277Vac	IEC 61643-11
Frequency	47-63Hz	IEC 61643-11
Rated Current	7A	IEC 61643-11
Altitude	<3000m	IEC 61643-11
Environment Temperature	-40°C to 85°C	IEC 61643-11
Relative Humidity	5% to 95% RH	IEC 61643-11
Green LED ON** Denotes Input Power ON		•
Red LED Light ON** Denotes Over/Under Voltage Condition		•
Over-Voltage Value		315
Under-Voltage Value		237
Reset Time		30 Seconds
Power-On Delay		30 Seconds
Weight		55 g / 1.9 oz (approx.)

OVCD Features

- Extends The Life Of Your Fixture By Eliminating Temporary Over/Under Voltages that Can Harm Sensitive Electronic Components
- Over 6,000 Operations Per Product Lifetime
- Safe Restore™
 - 30 Second Delay on Power-Up
 - Instant Drop on Over/Under Voltage Condition
 - 30 Second Delay Reconnect When Nominal Voltage Returns to Normal
 - Automatically Disconnects Fixture Within 7ms After Detecting Damaging Voltage Levels
- Automatically Shuts Off Power to the Fixture When Nominal Voltage Decreases by 45V
- Automatically Shuts Off Power to the Fixture When Nominal Voltage Increases by 45V



SPD Parameter			
Specifications	Parameter		Referred Standard
MCOV	L-N, L-G	320Vac	IEC 61643-11
	N-G	255Vac	IEC 61643-11
Nominal Discharging Current	L-N, L-G	In:10 kA / Uoc: 20 kV	IEC 61643-11
	N-G	In:5 kA / Uoc: 10 kV	IEC 61643-11
Voltage Protection Level	L-N	1300V	IEC 61643-11
TOV Features	L-N, L-G	337Vac, 5s, Withstand Mode	IEC 61643-11
	N-G	337Vac, 5s, Withstand Mode	IEC 61643-11
Recommended Back-Up Fuse or Circuit Breaker	CB	C Curve 10A	IEC 61643-11
Short Circuit Current Rating After the Back-Up Fuse or Circuit Breaker Isccr	C:10	10kA	IEC 61643-11