

# SPD

## PARALLEL SURGE PROTECTION

10kV, 277V | 20kV, 277V | 20kV, 480V

PROJECT \_\_\_\_\_

TYPE \_\_\_\_\_

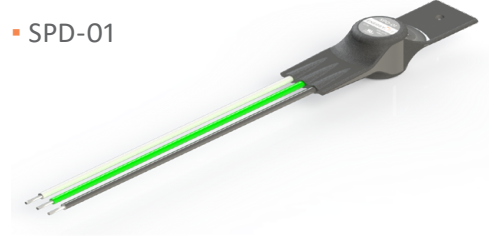
SPECIFICATION \_\_\_\_\_

Created for use with LED drivers and fixtures to provide additional protection against powerline disturbances, the EnergyLite SPD-01, -02 and -03 are ideal for industrial, commercial and residential applications where surge protection is required.

- Designed for use in the following EnergyLite product families:
  - HawkLite
  - BroadLite
  - GridLite
  - SecureLite
- Meets IEEE C62.41.2 Category C High for SPD-02 and SPD-03 and Category C Medium for SPD-01
- Wiring: 16AWG, 10" with ½" pre-tinned
- IP65-rated



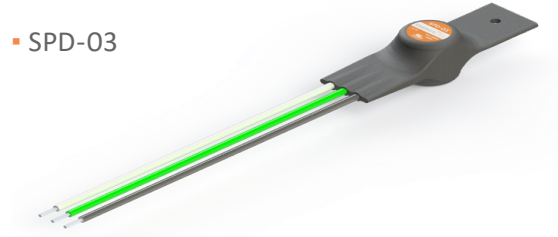
▪ SPD-01



▪ SPD-02



▪ SPD-03



Surge Protector:	SPD-01	SPD-02	SPD-03
Input Voltage Range:	120-277 V	120-277 V	120-480 V
Frequency:	50/60 Hz	50/60 Hz	50/60 Hz
Min/Max Operating Temperature:	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C
Max Continuous Voltage:	320 V	320 V	625 V
Open Circuit Voltage:	10 kV	20 kV	20 kV
Max Discharge Current, 1 strike with 8/20 uS:	10 kA	20 kA	20 kA
Nominal Discharge Current, 15 strikes with 8/20 uS:	5 kA	10 kA	10 kA
Measured Limiting Voltage Line-Neutral:	1440 VpK	1200 VpK	2530 VpK
Measured Limiting Voltage Line-Ground:	1520 VpK	1290 VpK	2810 VpK
Measured Limiting Voltage Ground-Neutral:	1520 VpK	1290 VpK	2810 VpK

▪ Wiring Diagram

