



## PRODUCT SHEET

### Type SPD-LA Surge Protection Device

UL 1449 4<sup>th</sup> Edition Listed &  
ANSI/IEEE Category C3 High Exposure Level

#### Features & Benefits

Introducing the SPD-LA Series Surge Protection Device (SPD).

This latest addition to the PQI family of Surge Protection Devices brings the following features and benefits to many types of applications and facilities for the utmost in overall protection.

The SPD-LA is UL 1449 Type 1 Rated device, allowing connection at the line or load side of a service entrance. The SPD-LA incorporates overcurrent protection rated at 200kAIC-SCCR, meeting the NEC 2014 requirement that the SPD be rated equal to or greater than the AIC rating of the point of connection of the SPD. There is no need for additional circuit breakers or fuses when installing the SPD-LA.

The SPD-LA has a 20kA "In" (nominal current) rating, and a 40kA surge current rating. The SPD-LA is a repetitive SPD that can protect against multiple transient power surges.

As there is no longer a Lightning Arrestor UL Category- the economical SPD-LA is the perfect replacement for that application.

The NEMA 4X-UL50 outdoor rated enclosure is constructed of UV-stabilized thermoplastic. The overall SPD is compact and designed for easy installation. The threaded housing allows for direct connection to the electrical panel knockout- maintaining a short, straight connection.

Visual indication of protection status/failure is easy to see and easy to read whether the SPD is installed to the right, left, top or bottom of the protected panel/equipment.

Applications for the SPD-LA Series SPD are unlimited, but may primarily be meter centers, residential, motor control centers, pump stations, OEM, industrial, solar combiner boxes, light pole applications, UL 96A LPS applications, etc.

The SPD-LA SPD is backed by a five (5) Year Replacement Warranty.

#### Product Options

Flush Mount Kit                      SPD-LAFP  
Breaker Mount Kit                    SPD-LABRK



#### Product Specification

Safety Listings:	UL 1449, 4th Edition
UL 1449 - Ed. 4 Location Rating:	Type 1 & Type 2
IEEE C62.41 Location Rating:	Category C3 - High & Category B3 - Medium
Nominal Discharge Current Rating:	20kA (In)
Maximum Surge Current Rating:	40kA per phase
Fault Current (SCCR):	200kAIC
Maximum Continuous Operating Voltage (MCOV):	Meets UL1449 Minimum Requirement of 115% of Nominal
Product Design:	Compact, thermal protected MOVs
Connection Method:	Parallel, supplied with 36" 12AWG leads
Recommended Breaker Size:	20Amp
Protective Components:	Thermal Protected MOVs and AIC Fusing
Response Time:	< 1 Nanosecond
Frequency:	50/60Hz
Status Indicators:	Blue LED Indicator
Enclosure Type:	UL 50, Type 4X
Installation Location:	Indoor or Outdoor
Enclosure Material:	UV - Stabilized Thermoplastic
Weight:	1.0 lbs.
Warranty:	5 Years
Dimensions	2.75"H x 4.75"W x 3"D

#### Model Configuration

SPD-LA 120/240-SP                    120/240V, 1 phase, 2W + ground (white)  
 SPD-LA 120/208-3Y                    120/208V, 3 phase, 4W +ground  
 SPD-LA 277/480-3Y                    277/480V, 3 phase, 4W + ground  
 SPD-LA 120-1P                            120V, 1 phase, 2W, + ground



Flush Mount



All Specifications are subject to change without notice.  
 All contents © 2017, Power Quality International, LLC, All Rights Reserved

POWER QUALITY INTERNATIONAL, LLC  
 2404 Merchant Avenue, Odessa, Florida 33556