

PQLA Series SPD



Introducing the PQLA Series Surge Protection Device (SPD).

This latest addition to the **PQ Protection** 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 PQLA is **UL 1449 Type 1 Rated device**, allowing connection at the Line or Load side of a Service Entrance. The PQLA incorporates **over current 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 PQLA.

The PQLA has a **20kA “In” (nominal current) rating**, and a **40kA surge current rating**. The PQLA is a repetitive SPD, that can protect against multiple transient power surges.

As there is no longer a Lightning Arrestor UL Category- the economical PQLA 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.

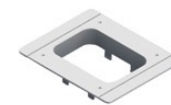
Applications for the PQLA Series SPD are unlimited, but may primarily be meter centers, residential, motor control centers, pump stations, OEM, industrial, solar combiner boxes, light pole applications, UL 96A LPS applications, etc.

The PQLA SPD is backed by a **Ten (10) Year Replacement Warranty**.

PRODUCT SPECIFICATIONS	
Safety Listings:	UL® 1449 4th Edition
Location Rating:	Type 1 and Type 2
IEEE C62.41 Location Rating:	Category C- High & Category B- Medium
Protection Modes:	L-N, L-G, & N-G * <i>depending upon voltage</i>
Nominal Discharge Current Rating:	20KA(In)
Maximum Surge Current Rating:	40kA per phase
Fault Current (SCCR):	200kAIC
MCOV	Minimum 115%
Product Design:	Compact, Thermal protected MOV's
Connection Method:	Parallel, Supplied with 36" 12AWG leads
Recommended Breaker Size:	20 Amp
Protective Components:	Thermal Protected MOV's and AIC Fusing
Response Time:	< 1 Nanosecond
Frequency:	50/60 Hz
Status Indicators:	Blue LED Indicator
Enclosure Type:	UL 50, Type 4X
Installation Location:	Indoor or Outdoor
Enclosure Material:	UV – Stabilized Thermoplastic
Weight:	1 lb.
Dimensions:	2.75"H x 4.75"W x 3"D

MODEL NUMBER	CONFIGURATIONS
PQLA 120/240-SP	120/240, 1 phase, 2W + ground (white)
PQLA 120/208-3Y	120/208, 3 phase, 4W + ground
PQLA 277/480-3Y	277/480, 3 phase, 4W + ground
PQLA 120-1P	120, 1 phase, 2W + ground

PRODUCT OPTIONS
Flush Mount Kit: PQLAFP
Side Mount Kit: PQLABRK



Flush Mount



Side Mount Bracket