

# Product Data Sheet

## Spike Stopper™ Home

**Application:** Whole House Surge Protection



**Applicable Standards:** IEEE C62.72-2016, ANSI/IEEE C62.41.1 & C62.41.2-2002, ANSI/IEEE C62.62-2010 environments: Suitable for Categories: A, B & C (Most Severe Electrical Environments); UL 1283 EMI Filters, NFPA 780 & UL 96A Lightning Protection Systems; National Electric Code, Art. 285, 700.10 & 708.20; CSA C22.2 No. 269.1-14 or No. 269.2-13, CSAC22.2 No. 8-13

**IEC Environments:** Suitable for use in IEC 61643-11 environments as a Class 2 SPD

**ANSI/UL 1449 SPD Types:** Type 2 includes filtering

**Circuit Topology:** Parallel-configured Threshold Clamping Circuitry circuit design incorporating component-level thermal disconnection technology. UL 1283 Filtering models also include the same Threshold Clamping Circuitry.

**Protection Modes:** Industry-best practice of L-G protection elements per phase where neutral and ground are bonded at the installation electrical panel.

**Nominal Discharge Current ( $I_n$ ) Rating:** 20 kA (Complies with the requirements of NFPA 780 and UL 96A Master Label for Installation Requirements for Lightning Protection Systems)

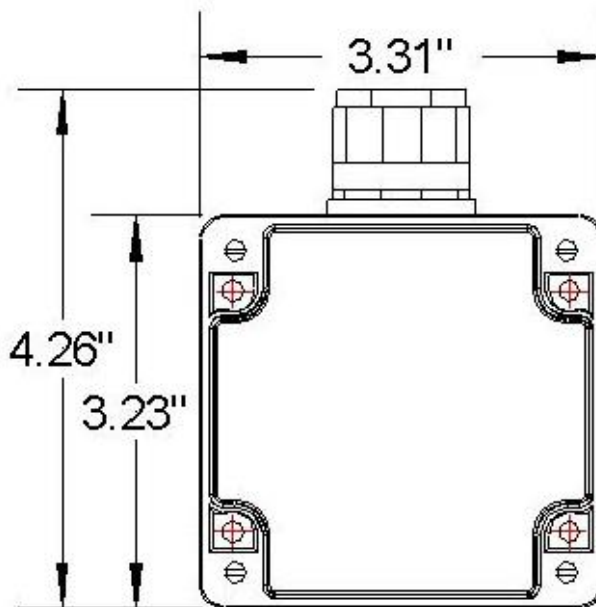
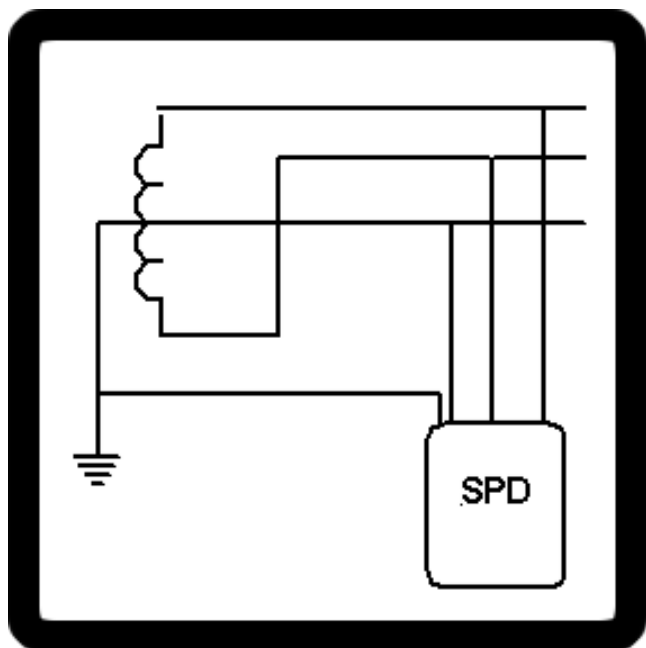
**Enclosure:** NEMA 4X Watertight

**Product Certifications:** Type 2 SPDs ANSI/UL 1283 and CSA C22.2 No. 269.2-13 and No. 8-13 (VZCA, VZCA7, FOKY & FOKY7)

**Short Circuit Current Rating:** 200 kA

**Temperature Rating:** -40 to 65°C

**Warranty:** 5 Years



### Electrical Characteristics

Voltage Configuration	AC Frequency	System	Per Mode Surge Current	Nominal Discharge Current	Short Circuit Current Ratings	UL/CSA Type	UL Voltage Protection Rating (MCOV)		Conduit Size (in.)
							L-G	L-L	
120/240 V Split Phase (3 Wire + Ground)	50/60 Hz	SPLIT	50 kA	20 kA	200 kA	2	600 (150)	1200 (300)	1/2