

**TYPE
SPD**

Features

- Whole house surge protection
- Compact NEMA polycarbonate enclosure
- Blue indicator LED
- 50 kA surge current strength
- Optional electrical noise filter
- UL 1449 Listed with advanced safety features
- Five year warranty

Benefits

- Protect residence from electrical surges
- Easily installed outdoors or indoors, non-submersible
- Easy monitoring of surge protection status
- Withstands severe lightning strikes
- Protects valuable electronics & appliances
- Product longevity in the most demanding environments

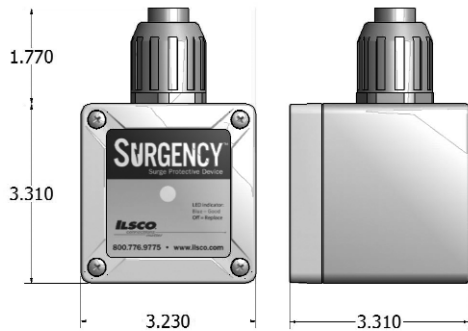


Fig. 1

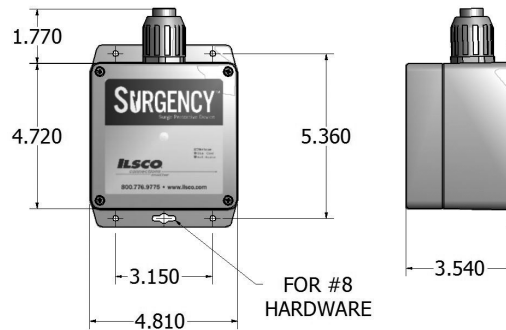


Fig. 2



Catalog Number	Figure Number	Lead Wire Size	Electrical Characteristics					Nominal Discharge Current	Short Circuit Current Rating (SCCR)	UL/CSA Type*	UL Voltage Protection Rating		Conduit Size (in.)
			Phase	System	AC Frequency	Nominal Voltage	Noise Filter†				L-G	L-L	
RE-050-1R1X-A ^Δ	1	12 AWG	1	SPLIT	50/60 Hz	120/240 V	-	20 kA	200 kA	1	600	1200	1/2
RE-050-1R1X-C ^Δ	1	12 AWG	1	SPLIT	50/60 Hz	120/240 V	Yes	20 kA	200 kA	2	700	1200	1/2
RE-050-Y3WX-A	2	10 AWG	3	WYE	50/60 Hz	208Y/120 V	-	20 kA	200 kA	1	600	1000	3/4
RE-050-Y3WX-C	2	10 AWG	3	WYE	50/60 Hz	208Y/120 V	Yes	20 kA	200 kA	2	700	1200	3/4

Tested and Certified:

Type 1 SPDs (no filter) = UL 1449 (4th Edition), CSA C22.2 No. 269.1-14

Type 2 SPDs (filter) = UL 1449, UL 1283, CSA C22.2 No. 269.2-13, CSA C22.2 No. 8-13

Operating temperature range -40 - +150° F

Enclosure is rated to NEMA/UL Type 1, 2, 3, 3R, 3X, 4 and 4X

† Advanced UL 1283 rated electrical noise filter

Δ Mounting flange kit included

* Type 1 = Permanently connected SPDs permitted to be installed between the secondary of the service transformer and the line side of the service equipment overcurrent device, as well as the load side, permitted to be installed without an external overcurrent protective device on the line side of the service entrance

Type 2 = Permanently connected SPDs intended for installation on the load side of the service equipment overcurrent device; including SPDs located at the branch panel