



Surge Protection Device (SPD)

Transient Voltage Surge Suppressor (TVSS)



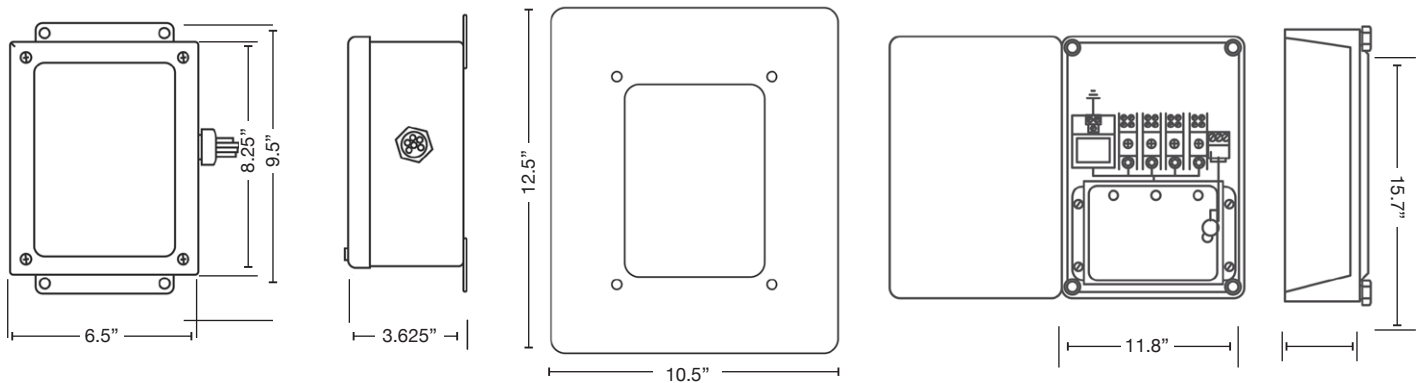
Features

- I_{max}: 200 to 400 kA per phase
- I_n: 20 kA
- Thermally fused metal oxide varistor (TFMOV) suppression plus added gas discharge tube (GDT) technology and capacitive filtering
- Real-time per phase LED indicators, audible alarm, remote contacts
- Smart diagnostic, indicating remaining surge capacity
- Sine wave tracking
- EMI/RFI noise filtration (-40db)
- NEMA 4/12/13 (IP66) indoor/outdoor rated enclosure
- 25 year warranty



Add-On Options

- Surge counter - available on ALL versions
- Integral disconnect - hardwire version ONLY
- NEMA 4X polycarbonate or stainless steel
- Flush mount cover



Flush Mount Cover



Surge Protection Device (SPD)

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XS4-(#)C(#)00-(###)T1-(#)

- **Add on options:** SC=Surge Counter, DS=Rotary Disconnect, 30= 30 year warranty
- **NEMA Rating/Mounting Type:** 04N=NEMA 4/12/13 (with leads), 4XN=NEMA 4X stainless (with leads), 4XH=NEMA 4X polycarbonate (no leads)
- **Surge Rating Identifier:** 2=200 kA/phase, 3=300 kA/phase, 4=400 kA/phase
- **Voltage Identifier:** 1=120/240 single phase, 2=120/208 3-phase Wye, 3=120/120/240 3-phase Hi-Leg Delta, 4=277/480 3-phase Wye, 5=480 3-phase Delta, 6=347/600 3-phase Wye, 7=600 3-phase Delta, 8=220/380 3-phase Wye, 9=240 3-phase Delta

Description		XS4-1	XS4-2	XS4-3	XS4-4	XS4-5	XS4-6	XS4-7	XS4-8	XS4-9
System Voltage	VAC	120/240	120/208	120/120/240	277/480	480	347/600	600	220/380	240
System Wiring		3W+G (Single Phase)	4W+G (3-Phase Wye)	4W+G (3-Phase Hi-Leg Delta)	4W+G (3-Phase Wye)	3W+G (3-Phase Delta)	4W+G (3-Phase Wye)	3W+G (3-Phase Delta)	4W+G (3-Phase Wye)	3W+G (3-Phase Delta)
Maximum Operating Voltage (MCOV)	L-N	150	150	150/320	320		550		275	
	N-G	150	150	150	320		550		275	
	L-G	150	150	150/320	320	550	550	750	275	275
	L-L	300	300	320	550	550	750	750	550	275
Voltage Protection Rating (VPR)	L-N	700	700	700/1,200	1,000		1,800		1,000	
	N-G	700	700	700/1,200	1,000		1,800		1,000	
	L-G	700	700	700/1,200	1,000	1,800	1,800	1,800	1,000	1,000
	L-L	1,000	1,000	1,000/3,000	1,800	3,000	3,000	3,000	1,800	1,800
Operating Current (Ic)		<10 mA	<10 mA	<30 mA	<10 mA	<30 mA	<10 mA	<30 mA	<10 mA	<30 mA
Follow Current (If)		None								
Maximum Leakage Current (Ipe)		1 mA								
Maximum Recommended Fuse if Any		200 A, Class J								
Frequency (f)		50/60/400 Hz								
Nominal Discharge Current Per Mode (In)		20 kA								
Maximum Discharge Current (Imax)		200-400 kA (Depending on Model)								
Short Circuit Current Rating (SCCR)		200 kA								
EMI/RFI Filtering		1283 Electromagnetic Interference Filter (-40 dB)								
Thermal Disconnecter		Internal to Each Component								
Overload Disconnecter		Internal to Each Device								
Operating Temperature		-40 to +85°C								
Housing-Enclosure Material		Nipple Version: NEMA 4 Steel or NEMA 4X Stainless Steel, Hardwire Version: NEMA 4X Polycarbonate								
Mounting Type		Nipple Mount or Wall Mounting by Screws (Not Included)								
Environmental Rating		NEMA 4/12/13 Stainless Steel or NEMA 4X Polycarbonate, IP66, Indoor/Outdoor								
Connection Type		Lead Length: 30" / #10 AWG								
Standards, Compliance or Recognition		UL 1449 5th Edition Type 1 Listed, UL Listed to US and Canadian Safety Standards								

208V - 38kV Switchgear, Switchboards, & Compact Solutions • Generator & Load Bank Quick Connection
Paralleling, Transfer, Peak Shaving, Indoor/Outdoor Walk-In, & Skid-Mounted Solutions • Grounding Systems
Utility • Microgrids • Data Centers • Healthcare • Farming • Solar • Treatment Plants • Education • Manufacturing