

AC SURGE PROTECTOR SURGITRON III

MODEL NUMBER SCHEME

Available Configurations

Model Number	Voltage	Configuration
1265-22-80	120/240V	1-Phase, 3 Wire 50-60 Hz
1265-22-60	120/240V	1-Phase, 3 Wire 50-60 Hz
1265-22-40	120/240V	1-Phase, 3 Wire 50-60 Hz

SPECIFICATIONS

Maximum Surge Current

Single Pulse, 8/20 μ s, Per Phase (L-N + L-G)	1265-22-80	80 kA
	1265-22-60	60 kA
	1265-22-40	40 kA
Per Mode	1265-22-80	40 kA
	1265-22-60	30 kA
	1265-22-40	20 kA

Transient Energy Rating, 10/1000 μ s 2720 joules

Suppression Voltage, L(N+G) using ANSI/IEEE C62.41 WaveShapes

200 A, 100 kHz	385 V
500 A, 100 kHz	435 V
500 A, 8/20 μ s	365 V
3 kA, 8/20 μ s	435 V
10 kA, 8/20 μ s	660 V

UL Suppression Voltage Rating

L-N	400 V
L-G	400 V
N-G	800 V

Surge Life, L-(N+G)

3 kA, 8/20 μ s	15,000 times
10 kA, 8/20 μ s	300 times

Component Response Time <1 ns

Operating Temperature -40° to +85° C

Maximum Operating Altitude 7000 m

Warranty: 3 years

Approvals: UL1449 2nd Edition 2005 Revision (effective 2/9/2007)

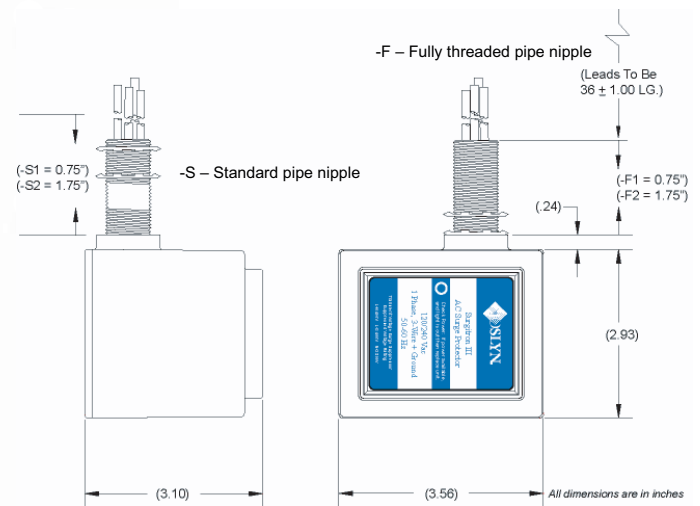
SYSTEM FEATURES AND BENEFITS

- SPD Category and Type – Service entrance or distribution panel, permanently connected.
- Technology – Multiple Metal Oxide Varistors with individual and overcurrent protection. LED on faceplate indicates proper functioning/fault of production elements.

CHARACTERISTICS

Connection Means	30A max. breaker
Short Circuit Current Rating	25,000 Amps
Protection Modes (6)	L1-N, L2-N, L1-G, L2-G, N-G, and L1-L2
Varistor Maximum Continuous Operating Voltage	150 Vac
Nominal Varistor Voltage at 1 mAdc	235 V
Leakage, L-G at 120 Vac	<600 μ A

DIMENSIONS



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