

Surgitron[®] III -21 Series Type 1

**MEDIUM DUTY FOR RESIDENTIAL
OR INDUSTRIAL APPLICATIONS**



AVAILABLE CONFIGURATIONS

Model Number	kA Per Phase	Voltage	Configuration
1260-21	40kA	120V	1-Phase, 2-Wire +Ground
1265-21	40kA	120/240V	2-Phase, 3-Wire + Ground
1265-21-G	40kA	120/240V	2-Phase, 3-Wire + Ground
1455-21	40kA	120/208V	3-Phase, 4-Wire + Ground
1455-21-A	40kA	120/208V	3-Phase, 4-Wire + Ground
1455-21-D	40kA	230/240V	3-Phase Delta, 3-Wire + Ground

Warranty

3-years

Available Options

Mounting Bracket Add suffix -B

FEATURES AND BENEFITS

- Listed to UL 1449 3rd Edition for a Type 1 SPD application.
- Individual fusing for each Metal Oxide Varistors (MOVs).
- LED indicates proper functioning of L-N and N-G MOVs

PRODUCT SPECIFICATIONS

Electrical

Nominal Discharge Current Rating (I-n)	20kA
Operating Frequency	47–63Hz
Connection Methods	Parallel to Load (shunt) #14 AWG wires
Modes of Protection	1260-21 L-N, L-G, N-G 1265-21 L-N, L-G, N-G, L-L 1265-21-G L-N, L-G, N-G 1455-21 L-N, L-G, N-G, L-L 1455-21-A L-N, L-G, N-G, L-L 1455-21-D L-G, L-L
Fault Rating (SCCR)	100kAIC
Response Time	Less than 1 nanosecond (one per phase)
Standard Monitoring	LED status indicator lights

Mechanical

Weight	2 lbs. (.9 kg)
Enclosure Type	NEMA 1, Non-metallic
Installation Location	Indoor
Mounting Method	1/2" – 14 NPS Thread (Aluminum Bracket Optional)
Operating Environment	-40° to +176°F (-40° to +80°C)
Altitude	Up to 16,400 ft. (5000 m)
Product Design	Individually fused MOVs

Regulatory

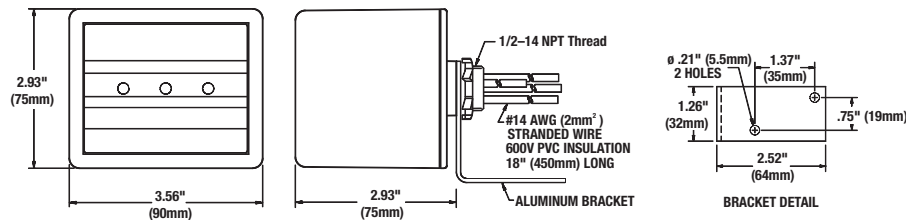
UL 1449 3rd Edition Type	Type 1
UL 1283	No
IEEE C62.41.1, .2, C62.45	Yes
Listed By	UL

SURGE PROTECTIVE DEVICES

SURGITRON III PERFORMANCE DATA

Model Number	Voltage Configuration	Protection Modes	MCOV	UL 1449 3rd Edition 6kV 3000A VPR
1260-21	120	L-N	150	700
		L-G	300	1200
		N-G	0	700
1265-21	120/240	L-N	150	700
		L-G	300	1200
		N-G	0	700
		L-L	300	1200
1265-21-G	120/240	L-G	150	700
		L-L	300	1200
		L-N	N/A	N/A
1455-21	120/208	L-N	150	700
		L-G	300	1200
		N-G	0	700
		L-L	300	1200
1455-21-A	120/208	L-N	150	700
		L-G	300	1200
		N-G	0	700
		L-L	300	1200
1455-21-D	230-240	L-G	300	1200
		L-L	300	1200

DIMENSIONAL SPECIFICATIONS





Energía Verde RMS

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