

### 51120 Series Type 2 Surge Panels

Leviton's 51120 Series panel mount surge protective devices are designed for use in homes and apartment buildings at the service entrance, electrical utility meter, or other branch panel locations. They are also ideal for use in pumping stations, radio towers and light commercial buildings where protection from high-energy, high-voltage transients is desired.

#### Features and Benefits

##### 51120 Series Panel Mount Surge Protective Devices

- Single high-energy solid-state semiconductor surge suppression circuitry per phase
- Real-time diagnostic visual indicator shows power and suppression status for each protected phase
- Standard J-Box enclosure with pre-punched standard knock-outs can be easily surface mounted in typical frame construction
- Feature a low VPR to ensure protection of sensitive electronic devices including LCD TVs, PDAs and computers
- Compatible with Leviton Decora Home Controls®
- Limited lifetime product warranty
- Connected equipment coverage up to \$25,000 for the 51120-1



51120-1

#### 51120 Series Type 2 Surge Panels

Cat. No.	Description	Voltage (VAC) Configuration	Max Surge Current, Per Mode (Per Phase)
51120-1	2-Mode Surge Protection Panel	120/240 Single-phase, 2-wire + gnd	50kA (50kA)
51120-3	3-Mode Surge Protection Panel	120/208 3Ø WYE, 4-wire + gnd	50kA (50kA)

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## SURGE PANELS | 32000/42000, 51120 and 51120-3

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### Specifications for 32000/42000, 51120-1 and 51120-3 Type 2 Surge Panels

Cat. No.	51120-1	51120-3	32120-1 42120-1	32120-DY3 42120-DY3	32277-DY3 42277-DY3	32412-DS3 42412-DS3	32347-DY3 42347-DY3		
<b>Electrical Specifications</b>									
Voltage	120/240VAC Single phase	120/208VAC 3-phase WYE	120/240VAC Single phase	120/208V 3Ø WYE	277/408V 3Ø WYE	120/240/120V 3Ø Hi-Leg Delta	347/600V 3Ø WYE, 660V 3Ø Delta		
Surge Technology	40mm MOV	40mm MOV	40mm MOV	40mm MOV	40mm MOV	40mm MOV	40mm MOV		
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz		
Recommended Circuit Breaker Rating	20A, 120/24V	20A, 120/208V	20A, 120/240V	30A, 120/208V	30A, 277/480V	30A, 120/240V	30A, 347/600V		
<b>Performance Data</b>									
Maximum Continuous Operating Voltage (MCOV)	L-N	150V	150V	150V	150V	320V	150V	385V	
	L-G	—	—	300V	300V	640V	300V	—	
	N-G	—	—	150V	150V	320V	150V	—	
	L-L	300V	300V	254V	254V	552V	254V	770V	
Voltage Protection Rating (VPR)	L-N	800V	800V	800V	700V	1200V	800V	1200V	
	L-G	—	—	2500V	—	—	—	—	
	N-G	—	—	700V	700V	1200V	700V	1000V**	
	L-L	1200V	1200V	1000V	1000V	1800V	1000V	2000V**	
Nominal Discharge Rating (I <sub>n</sub> )	3kA	3kA	3kA	3kA	3kA	3kA	N/A		
Maximum Surge Current, per Mode (per Phase)	50kA (50kA)	50kA (50kA)	80kA (80kA)	80kA (80kA)	80kA (80kA)	80kA (80kA)	80kA (80kA)		
Short Circuit Current Rating (SCCR)	10kA	10kA	100kA	100kA	100kA	100kA	100kA		
EMI/RFI Noise Rejection	-6dB to -28dB (@ 100kHz- 100MHz)	-6dB to -28dB (@ 100kHz- 100MHz)	32000 Series: -20 to -40dB (@ 1.5K-1.2MHz)					42000 Series: -30 to -40dB (@ 10K-10MHz)	
<b>Warranty</b>									
Product Warranty	Limited lifetime								
Connected Equipment Coverage	Up to \$25,000*	—							

\*As part of the True Whole House Surge Protection Warranty.

\*\*Surge Voltage Rating (SVR)

### SPOTLIGHT

#### Surge Protection

Need assistance? To learn more about how to implement an effective surge protective network have a Surge Protection Expert contact you. Visit [www.leviton.com/surge](http://www.leviton.com/surge) for more information.

