

32000/42000 Series Panel Mounted Multi-Phase Surge Protective Device (SPD)

Type 2 Panel Mount Surge Protective Device

UL 1449
3rd Edition
Compliant



Leviton's 32000 & 42000 Series panel mounted multi-phase surge protective devices are some of our most popular surge protection panel lines. These cost effective products provide excellent service entrance and branch panel protection for any

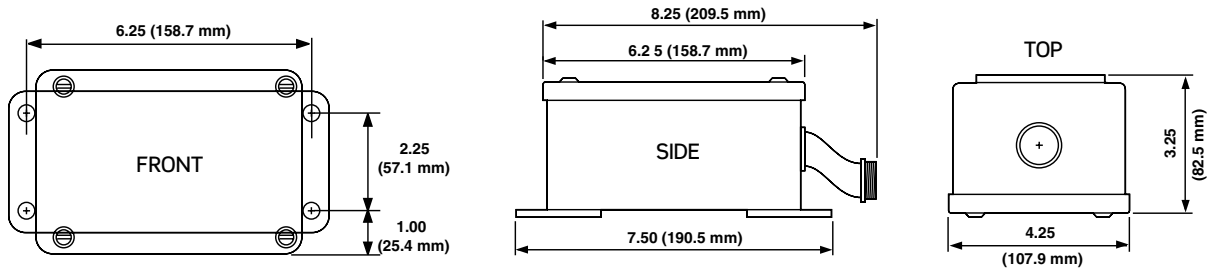
Commercial/Industrial application. All models protect against high-energy, high-voltage transient surges, and are made with exceptional durability for long-term protection.

Features and Benefits

- 32000 Series features reduced noise filtering for optimum compatibility with Leviton's Decora Home Control and X10 communication network devices
- 42000 Series incorporates enhanced noise filtering and sine wave tracking for superior protection
- Parallel-operated design features 40mm-diameter, metal-oxide varistors and EMI/RFI filter circuitry equipped with high-voltage-rise capacitors for harmonic tolerance
- Equipped with indicator lights and audible alarm for monitoring power and surge suppression status
- Three phase units are suitable for both WYE and DELTA alternating current systems
- Tested to ANSI/IEEE C62.41 standards for Category A, B, and C environments
- Optional Flush Mount Collar available (42001-FMC)
- UL 1449 3rd Edition Listed
- Backed by Leviton's Lifetime Limited Product Warranty



Dimensions



Specifications

Electrical Specifications	32120-1 42120-1	32120-DY3 42120-DY3	32277-DY3 42277-DY3	32412-DS3 42412-DS3
Voltage	120V/240V Single Phase	120V/208V 3Ø WYE, 208V 3Ø Delta, 220V 3Ø Delta	277V/480V 3Ø WYE, 220V/380V 3Ø WYE, 240V 3Ø Delta, 480V 3Ø Delta	120V/240V/120V 3Ø Hi-leg Delta
Maximum Continuous Operating Voltage				
L-N	150	150	320	150
L-G	300	300	640	300
N-G	150	150	320	150
L-L	254	254	552	254
Voltage Protection Rating (VPR)				
L-N	800	700	1200	800
L-G	1200	1200	2000	1200
N-G	700	700	1200	700
L-L	1000	1000	1800	1000
Nominal Discharge Rating (In)	3kA			
Maximum Surge Current, Per Mode (L-N)	80kA			
Surge Technology	40mm MOV design			
Frequency	50/60Hz			
EMI/RFI Noise Rejection	32000 Series: -20 to -40dB (@ 1.5K-1.2MHz)			
	42000 Series: -30 to -40dB (@ 10K-10MHz)			
Mechanical Specifications				
Enclosure Type	NEMA 3R Steel Enclosure			
Connection Type	Parallel - Hardwired via 12AWG wire			
Diagnostics	Real Time Protection status LEDs & Audible Alarm			
Remote Monitoring	Dry Contact Leads -N.O./N.C. Form C Rated at 7Amps @ 240VAC or 30VDC			
Environmental Specifications				
Flammability	Rated V-2 per UL 94			
Operating/Storage Temp.	-10°C to 60°C / -20°C to 85°C			
Relative Humidity	5% to 95% non-condensing			
Standards and Certifications				
UL 1449 3 rd Edition	cULus Listed			
ANSI/IEEE Category A, B & C	C-62.41 & C-62.45			
Warranty	Limited Lifetime Product Warranty			

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Ordering Information

Description	Cat. No.
120V/240V Single Phase	32120-1 42120-1
120V/208V 3Ø WYE, 240V 3Ø Delta	32120-DY3 42120-DY3
277V/480V 3Ø WYE, 220V/380V 3Ø WYE, 480V 3Ø Delta	32277-DY3 42277-DY3
120V/240V/120V 3Ø Hi-leg Delta	32412-DS3 42412-DS3
Flush Mount Collar	42001-FMC