

Type 2 Panel Mounted Surge Protective Devices (SPDs)

57000 Series Service/Branch Panel Protection

UL 1449
3rd Edition
Compliant



Leviton's 57000 Series SPDs are well suited for electrical service entrance and branch panel environments. Its parallel-operated design ensures continuous power even if surge protection is disabled. The 57000 Series features indicator lights, a status relay and an audible alarm for monitoring power and surge suppression, and replaceable modules that deliver redundant protection.

Features and Benefits:

- Protection for up to 150,000 amps of surge current per mode
- Easily replaceable surge modules
- AC Sine Wave tracking provides enhanced EMI/RFI filtering
- Real-time diagnostics monitor power and surge protection status
- Models available with Surge Counter
- NEMA 12 enclosure
- Manufactured to ISO 9001:2000 standards
- Limited Lifetime Product Warranty
- Redundant surge modules for mission critical applications
- UL 1449 3rd Edition Listed
- Free replacement modules*

*Certain restrictions apply



Shown with flush-mount flange
(included, but not required for installation)

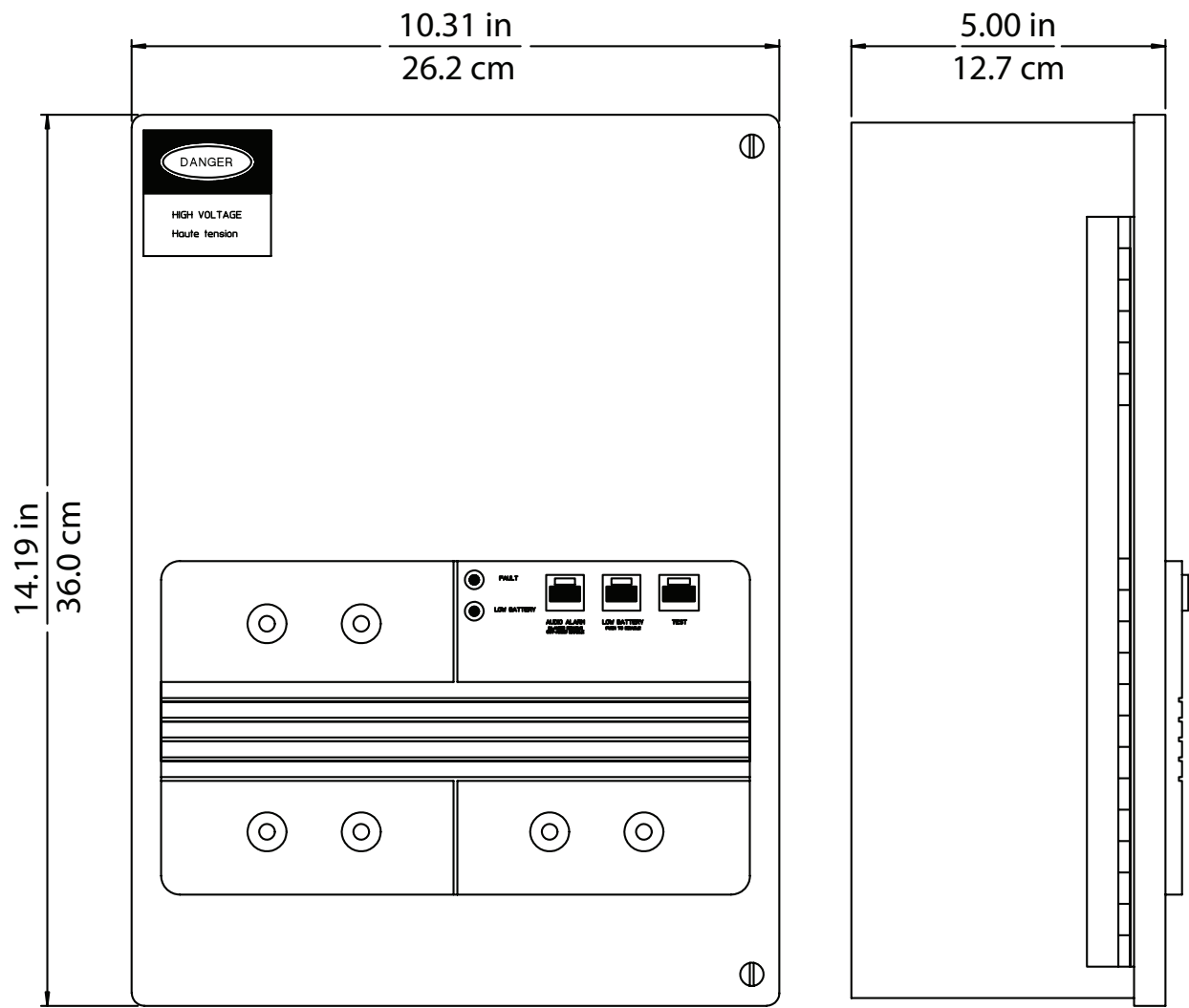
Specifications

Electrical Specifications		57120-M3 57120-CM3	57240-DM3	57277-M3 57277-CM3	57480-DM3
Voltage		120/208VAC 3-phase WYE	240VAC 3-phase Delta	277/480VAC 3-phase WYE	480VAC 3-phase Delta
Frequency		50/60 Hz			
Surge Technology		40mm MOV Design			
Performance Data					
Nominal Discharge Rating (I _N)		10/20 kA ¹	10/20 kA ¹	10/20 kA ¹	10/20 kA ¹
Maximum Continuous Operating Voltage (MCOV)	L-N	150V	—	320V	—
	L-G	300V	—	640V	—
	N-G	150V	—	320V	—
	L-L	300V	320V	640V	640V
Voltage Protection Rating (VPR) Clamping	L-N	1000V	—	1500V	—
	L-G	1500V	—	2500V	—
	N-G	800V	—	1200V	—
	L-L	1500V	1500V	2500V	2000V
Maximum Surge Current Per Mode		150kA	150kA	150kA	150kA
Protection Mode		4 Mode	3 Mode	4 Mode	3 Mode
Short Circuit Current Rating (SCCR)		100kA	100kA	100kA	100kA
EMI/RFI Noise Rejection		-20 to -40dB (@ 1.5K-1.2MHz)			
Mechanical Specifications					
Connection Type		Parallel-hardwired, feed-through dual wire terminal block: Accepts up to #3 AWG wire			
Diagnostics		Real Time Protection status LEDs & Audible Alarm			
Remote Monitoring		Dry Contacts-N.O./N.C. Form C Rated at 7Amps @ 240VAC or 30VDC			
Environmental Specifications					
Enclosure Type		NEMA 12 Steel Enclosure			
Operating Temperature		-4°F to 140°F(-20°C to 60°C)			
Storage Temperature		-4°F to 185°F(-20°C to 85°C)			
Flammability		Rated V-2 per UL 94			
Relative Humidity		5% to 95% non-condensing			
Standards and Certifications					
UL 1449 3rd Edition		CSA Certified and UL Listed Type 2			
ANSI/IEEE Category A, B & C		C-62.41 & C-62.45			
Warranty		Limited Lifetime Product Warranty			
Replacement Module Warranty		Limited Lifetime*			

¹ I_N = 10 kA when protected by a circuit breaker rated 30 A, min. (b) Volts, minimum 10 kA AIC. I_N = 20 kA when protected by a Square D Circuit Breaker Cat. No. QOB330A rated 30 A, min. 120/240 Volts, minimum 10 kA AIC or any Circuit Breaker rated 30A, (b) volts, minimum AIC 14kA. (b) Nominal System Voltage.

*Certain restrictions apply

Dimensions



Ordering Information

Description	Catalog Number	Replacement Modules
120/208 VAC 3Ø WYE, 4-Wire + Ground	57120-M3	(3) 7120, (1) 8120-GN
120/208 VAC 3Ø WYE, 4-Wire + Ground, With Surge Counter	57120-CM3	(3) 7120, (1) 8120-GN
240 VAC, 3Ø Delta, 3-Wire + Ground	57240-DM3	(3) 7240
277/480 VAC, 3Ø WYE, 4-Wire + Ground	57277-M3	(3) 7277, (1) 8320-GN
277/480 VAC, 3Ø WYE, 4-Wire + Ground, With Surge Counter	57277-CM3	(3) 7277, (1) 8320-GN
480 VAC, 3Ø Delta, 3-Wire + Ground	57480-DM3	(3) 7480

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