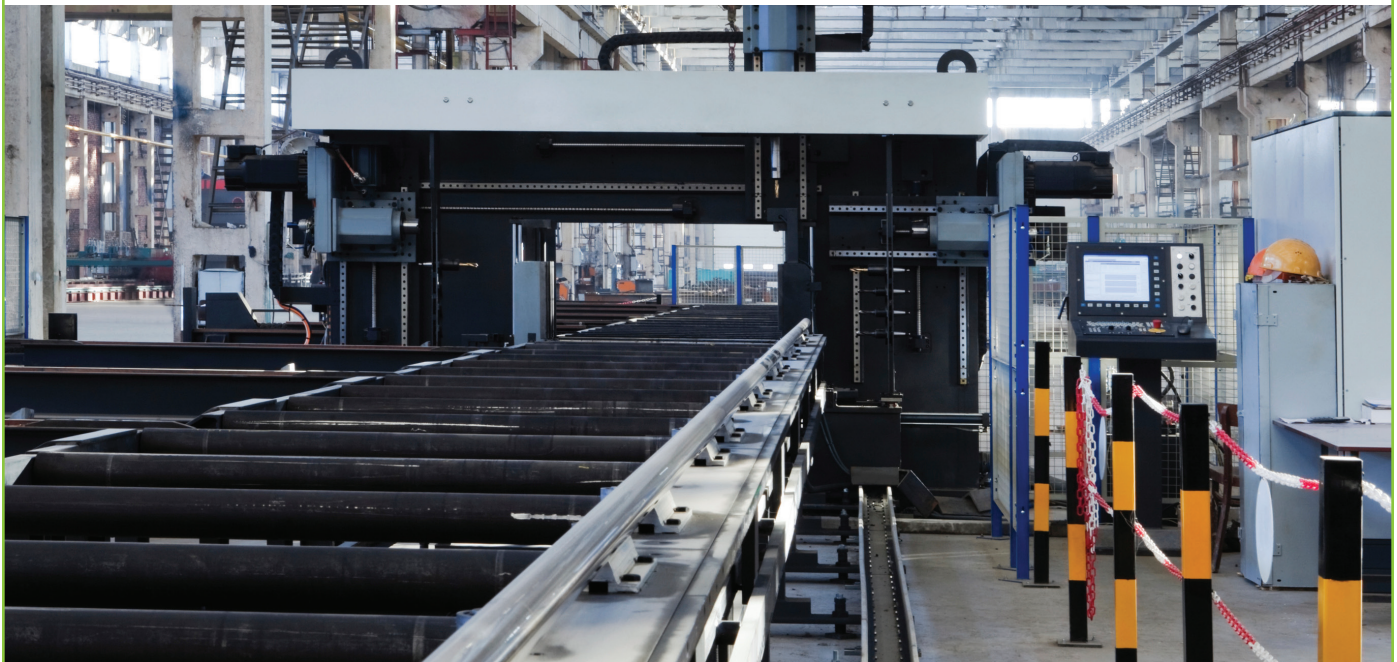


## Type 2 Panel Mounted Surge Protective Devices (SPDs)

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 3<sup>rd</sup> Edition Listed
- Free replacement modules\*

\*Certain restrictions apply



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

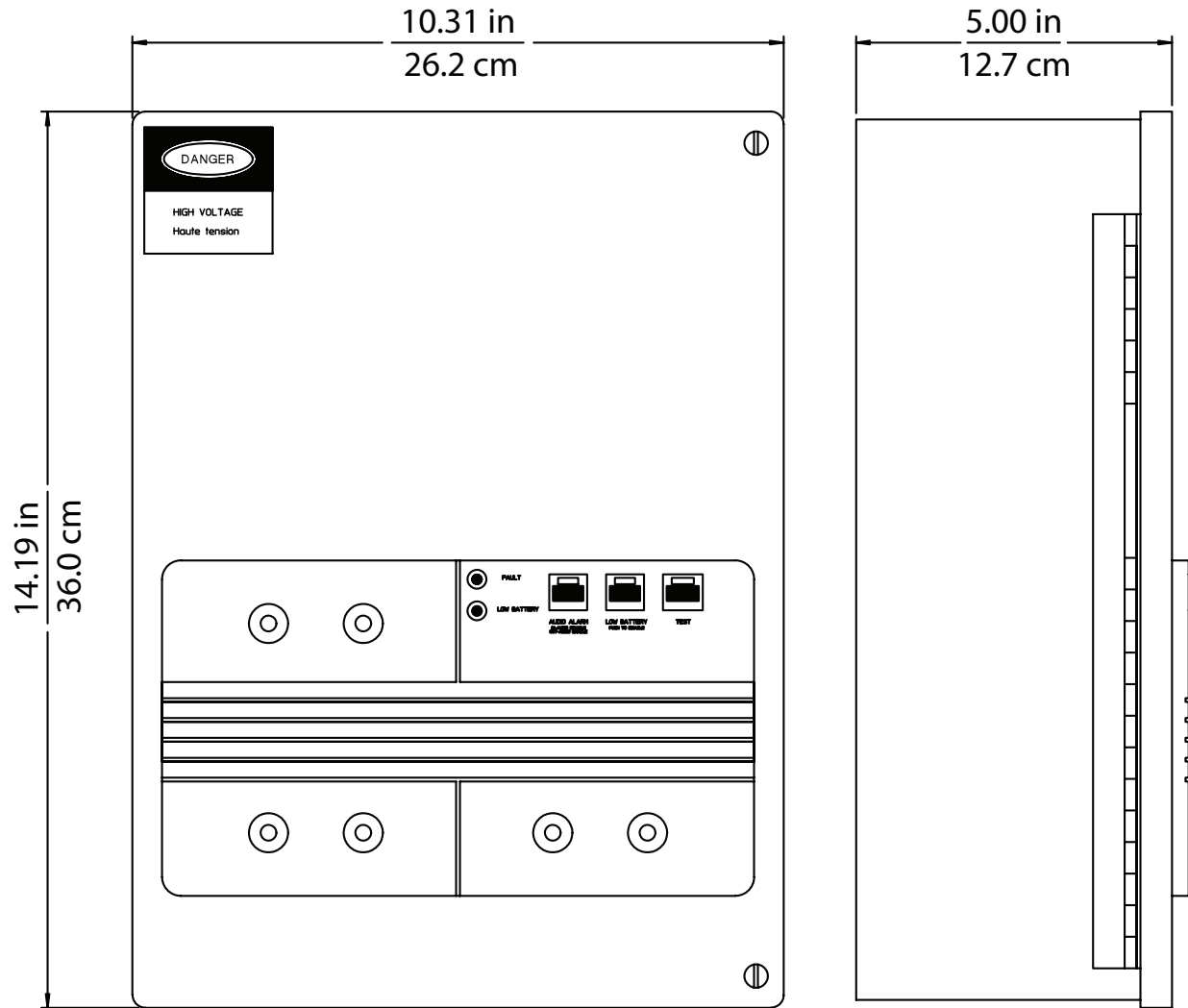
## Specifications

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			
<b>Performance Data</b>				
Nominal Discharge Rating ( $I_N$ )	10/20 kA <sup>1</sup>	10/20 kA <sup>1</sup>	10/20 kA <sup>1</sup>	10/20 kA <sup>1</sup>
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)			
<b>Mechanical Specifications</b>				
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			
<b>Environmental Specifications</b>				
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			
<b>Standards and Certifications</b>				
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*			

<sup>1</sup> $I_N$  = 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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