

SURGE PANELS | 52000/57000 Series

52000/57000 Series Type 2 Surge Panels

Leviton's 52000 and 57000 Series panel mounted surge protective devices provide a good mix of value, performance and features for main service or branch panel applications in industrial, commercial and residential environments. The parallel-operated design ensures continuous power even if surge protection is disabled. They feature indicator lights, a status relay and audible alarm for monitoring power and surge suppression, and replaceable surge modules for simplified maintenance after a destructive surge event.

Features and Benefits

52000 and 57000 Series Service/Branch Panel Protection

- Protection for up to 100,000A (52000 Series) or 150,000A (57000 Series) of surge current per mode
- Redundant surge modules for mission critical applications
- Easily replaceable surge modules
- AC Sine Wave tracking provides enhanced EMI/RFI filtering
- NEMA Type 12 enclosure resists dirt, dust and light splashing water
- Models available with surge counter
- Models available with integral disconnect switch (-7MS, -7CS)
- Limited lifetime product warranty with free replacement modules*

*Certain restrictions apply



5277-CM3



52120-M2

Specifications for 52000 Series Type 2 Surge Panels

Cat. No.	52120-M1	52120-M2 52120-CM2	52120-M2H	52120-M3 52120-CM3	52120-7M3 52120-7C3 52120-7CS 52120-7MS	52240-DM3	52277-M3 52277-CM3	52277-7M3 52277-7C3 52277-7CS 52277-7MS	52480-DM3	52412-DS3	
Electrical Specifications											
Voltage	120VAC	120/240VAC	120/240VAC	120/208VAC 3-phase WYE	120/208VAC 3-phase WYE	240VAC 3-phase Delta	277/480VAC 3-phase WYE	277/480VAC 3-phase WYE	480VAC 3-phase Delta	120/240/ 120VAC 3-phase Hi-Leg Delta	
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	
Surge Technology	40mm MOV	40mm MOV	40mm MOV	40mm MOV	40mm MOV	40mm MOV	40mm MOV	40mm MOV	40mm MOV	40mm MOV	
Recommended Circuit Breaker Rating	30A, 120V	30A, 120/240V	30A, 120/240V	30A, 120/208V	30A, 120/208V	30A, 240V	30A, 277V/480V	30A, 277/480V	30A, 480V	30A, 120/240V	
Performance Data											
Maximum Continuous Operating Voltage (MCOV)	L-N	150V	150V	150V	150V	150V	—	320V	320V	—	L-N: 150V H-N: 320V
	L-G	300V	300V	300V	300V	150V	—	640V	320V	—	L-G: 300V H-G: 470V
	N-G	150V	150V	150V	150V	150V	—	320V	320V	—	150V
	L-L	—	300V	300V	300V	300V	320V	640V	640V	550V	L-L: 300V H-L: 470V
Voltage Protection Rating (VPR)	L-N	1000V	1000V	1000V	1000V	1000V	—	1500V	1500V	—	L-N: 1000V H-N: 1500V
	L-G	1500V	1500V	900V	1500V	1200V	—	2500V	1500V	—	L-G: 1500V H-G: 2000V
	N-G	700V	700V	700V	700V	800V	—	1200V	1200V	—	700V
	L-L	—	1500V	1500V	1500V	1500V	1500V	2500V	2500V	2000V	L-L: 1500V H-L: 2500V
Protection mode	2 mode	3 mode	3 mode	4 mode	7 mode	3 mode	4 mode	7 mode	3 mode	4 mode	
Maximum surge current, per mode (per phase)	100kA (100kA)	100kA (100kA)	100kA (100kA)	100kA (100kA)	100kA (200kA)	100kA (100kA)	100kA (100kA)	100kA (200kA)	100kA (100kA)	100kA (100kA)	
Short Circuit Current Rating (SCCR)	100kA	100kA	100kA	100kA	100kA	100kA	100kA	100kA	100kA	100kA	
Nominal discharge rate (I _n)	20kA	20kA	20kA	20kA	20kA	20kA	20kA	20kA	20kA	20kA	
EMI/RFI Noise Rejection	-20dB to -40dB (50KHz-10MHz)										
Diagnostics	Real time protection status LEDs & audible alarm										
Remote Monitoring	Dry contacts-N.O./N.C. form C rated at 7Amps @ 240VAC or 30VDC										
Warranty											
Product Warranty	Limited lifetime										
Replacement Module Warranty	Limited lifetime*										

*Certain restrictions apply