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

57277-CM3

52120-M2

SURGE PANELS | 37000 and 47000 Series

37000 and 47000 Series Type 2 Surge Panels

Leviton's 37000 and 47000 Series panel mounted surge protective devices provide seven-mode protection in WYE-configured, 3-phase AC systems. These devices are designed for installation at the service entrance, at branch panels, or as dedicated transient surge protection for critical equipment.

Features and Benefits

37000 and 47000 Series for Commercial and Industrial Applications
- Protection for up to 100,000A (37000 Series) or 200,000A (47000 Series) of surge current per mode
- Models available in NEMA Type 1 enclosures for indoor applications and Type 4X enclosures (47000 series only) for outdoor applications
- Seven-mode protection (each phase to neutral, each phase to ground and neutral to ground)
- Real-time diagnostics monitor power and suppression status for each phase and provide both LED indicators and audible alarm
- Equipped with dry contacts for remote monitoring
- Limited lifetime product warranty

37120-7

47277-7

37000 and 47000 Series Type 2 Surge Panels			
Cat. No.	Description	Voltage (VAC) Configuration	Max Surge Current, Per Mode (Per Phase)
37120-7	7-Mode Surge Protection Panel	120/208 3Ø WYE, 4-wire + gnd	100kA (200kA)
37277-7	7-Mode Surge Protection Panel	277/480 3Ø WYE, 4-wire + gnd	100kA (200kA)
47120-7	7-Mode Surge Protection Panel	120/208 3Ø WYE, 4-wire + gnd	200kA (400kA)
47120-4X7	7-Mode Surge Protection Panel in Type 4X enclosure	120/208 3Ø WYE, 4-wire + gnd	200kA (400kA)
47277-7	7-Mode Surge Protection Panel	277/480 3Ø WYE, 4-wire + gnd	200kA (400kA)
47277-4X7	7-Mode Surge Protection Panel in Type 4X enclosure	277/480 3Ø WYE, 4-wire + gnd	200kA (400kA)

Specifications for 37000 and 47000 Series Type 2 Surge Panels

Cat. No.		37120-7	37277-7	47120-7	47120-4X7	47277-7	47277-4X7
Electrical Specifications							
Voltage		120/208VAC 3-phase WYE	277/480VAC 3-phase WYE	120/208VAC 3-phase WYE	120/208VAC 3-phase WYE	277/480VAC 3-phase WYE	277/480VAC 3-phase WYE
Frequency		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
Recommended Circuit Breaker Rating		30A, 120/208V	30A, 277/480V	30A, 120/208V	30A, 120/208V	30A, 277/480V	30A, 277/480V
Performance Data							
Nominal Discharge Rating (I_N)		5kA	5kA	10kA	10kA	10kA	10kA
Maximum Continuous Operating Voltage (MCOV)	L-L	280V	640V	280V	280V	640V	640V
	L-N	140V	320V	140V	140V	320V	320V
	L-G	140V	320V	140V	140V	320V	320V
	N-G	130V	300V	130V	130V	300V	300V
Voltage Protection Rating (VPR)	L-L	1200V	2000V	1000V	1000V	1800V	1800V
	L-N	800V	1200V	700V	700V	1200V	1200V
	L-G	900V	1500V	900V	900V	1500V	1500V
	N-G	700V	1200V	700V	700V	1200V	1200V
Maximum Surge Current, per Mode (per Phase)		100kA (200kA)	100kA (200kA)	200kA (400kA)	200kA (400kA)	200kA (400kA)	200kA (400kA)
Protection Mode		7 mode					
Short Circuit Current Rating (SCCR)		10kA					
Noise Filtering		-40dB @ 10K-10MHz					
Diagnostics		Real time protection status LEDs & audible alarm					
Warranty							
Product Warranty		Limited lifetime					

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 for more information.

Surge Protective Devices (SPDs)

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