

SURGE PANELS | 74000/75000 Series

74000/75000 Series Type 2 Surge Panels

Leviton's 74000 and 75000 Series panel mounted surge protective devices provide seven-mode protection in WYE-configured, 3-phase AC systems. Designed for most industrial and commercial environments with critical operations, these panels offer complete protection at the building entrance and distribution panel.

Features and Benefits

74000/75000 Series for 3-Phase Applications

- Protection for up to 200,000 amps (74000 Series) or up to 320,000 amps (75000 Series) of surge current per mode
- Seven-mode protection provides improved performance and longevity
- Real-time diagnostics monitor power and suppression status for each phase and provide both LED indicators and audible alarm
- User-replaceable plug-in modules eliminate the need to replace the entire surge panel following a damaging surge event
- Surge event history — including surge magnitude, time and date for each surge event — can be viewed on an easy-to-read display or downloaded for storage
- Equipped with dry contacts for remote monitoring
- NEMA Type 12 enclosure resists dirt, dust and light splashing water
- Limited lifetime product warranty with free replacement modules*

*Certain restrictions apply

74000/75000 Series Type 2 Surge Panels

Cat. No.	Description	Voltage (V AC) Configuration	Max Surge Current, Per Mode (Per Phase)	Replacement Modules
74120-7M3	7-Mode Surge Protection Panel	120/208 3Ø WYE, 4-wire + gnd	200kA (400kA)	HC120-M40 (7)
74277-7M3	7-Mode Surge Protection Panel	277/480 3Ø WYE, 4-wire + gnd	200kA (400kA)	HC277-M40 (7)
75120-7M3	7-Mode Surge Protection Panel	120/208 3Ø WYE, 4-wire + gnd	320kA (640kA)	HC120-M53 (7)
75277-7M3	7-Mode Surge Protection Panel	277/480 3Ø WYE, 4-wire + gnd	320kA (640kA)	HC277-M53 (7)



74120-7M3



75120-7M3

Specifications for 74000/75000 Series Type 2 Surge Panels

Cat. No.	74120-7M3	74277-7M3	75120-7M3	75277-7M3
Electrical Specifications				
Voltage	120/208V AC 3-phase WYE	277/480V AC 3-phase WYE	20/208V AC 3-phase WYE	277/480V AC 3-phase WYE
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Surge Technology	40mm MOV	40mm MOV	53mm MOV	53mm MOV
Recommended Circuit Breaker Rating	30A, 120V	30A, 277V	30A, 120V	30A, 277V
Performance Data				
Nominal Discharge Rate (I_{nT})	10kA			
Maximum Voltage	L-L 300V	640V	300V	640V
Continuous Voltage	L-N 150V	320V	150V	320V
Operating Voltage (MCOV)	L-G 150V	320V	150V	320V
	N-G 150V	320V	150V	320V
Voltage Protection Rating (VPR)	L-L 1200V	2000V	1500V	2000V
	L-N 700V	1200V	800V	1200V
	L-G 800V	1200V	800V	1200V
	N-G 500V	1000V	600V	1000V
Maximum Surge Current, per Mode (per Phase)	200kA (400kA)		320kA (640kA)	
Protection Mode	7 mode			
Short Circuit Current Rating (SCCR)	10kA			
EMI/RFI Noise Rejection	-40dB (@5K-100MHz)			
Diagnostics	Real time protection status LEDs & audible alarm, surge counter, downloadable event history log showing magnitude, duration of spike			
Remote Monitoring	Dry contact leads-N.O./N.C. Form C rated at 7Amps @ 240V AC or 30VDC			
Warranty				
Product Warranty	Limited lifetime			
Replacement Module Warranty	Limited lifetime*			

*Certain restrictions apply

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Surge Protective Devices (SPDs)

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.

