

Surge Protection Panels

LEVITON®

47000 & 52000 Series – For Industrial & Commercial Environments

10 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES 47000 & 52000 SERIES

- Provides Seven Mode Protection.
- 47000 Series available in NEMA 1 or 4X enclosure. 52000 Series comes in a NEMA 12 enclosure with Flush Mount Collar.
- Dry contacts for remote monitoring (NO-C-NC). LED's provide indication of protection status of each mode.
- Features Sine-Wave Tracking and Redundant Protection.
- UL 1449 2nd Edition Listed

ENVIRONMENTAL

STORAGE TEMP.	OPERATING TEMP.
-20°C to 85°C	-10°C to 60°C

FLAMMABILITY

UL94-5V
Flame Retardant Thermoplastic (Front Bezel)

STANDARDS & CERTIFICATIONS

ANSI/IEEE Categories A, B & C	UL 1449	CSA
C-62.41 C-62.45	#E13393	#LR-406



47120-007



47120-4X7



52120-M3

DESCRIPTION	WITHOUT SURGE COUNTER	WITH SURGE COUNTER	VOLTAGE RATING	MODULE NO.
47000 & 52000 Series				
7-Mode Panel Mount (4 Wired + Ground)	47120-007	–	3ø WYE (4-Wire + Ground) 120/208V AC	–
7-Mode Panel Mount w/ NEMA 4X Enclosure (4 Wire + Ground)	47120-4X7	–	3ø WYE (4-Wire + Ground) 120/208V AC	–
7-Mode Panel Mount (4 Wire + Ground)	47277-007	–	3ø WYE (4-Wire + Ground) 277/480V AC	–
7-Mode Panel Mount w/ NEMA 4X Enclosure (4 Wire + Ground)	47277-4X7	–	3ø WYE (4-Wire + Ground) 277/480V AC	–
7-Mode Panel Mount (4 Wire + Ground)	47347-007	–	3ø WYE (4-Wire + Ground) 347/600V AC	–
7-Mode Modular Panel Mount (4 Wire + Ground)	–	52120-7C3	3ø WYE (4-Wire + Ground) 120/208V AC	(3) 120-7M3 (1) 8120-GN
7-Mode Modular Panel Mount (4 Wire + Ground)	–	52277-7C3	3ø WYE (4-Wire + Ground) 277/480V AC	(3) 220-7M3 (1) 8120-GN
52000 Series				
Single Phase, 2-Wire & Ground	52120-M1	–	120V AC	(1) 2120 (1) 8120-GN
Single Phase, 3-Wire & Ground (Home Automation Model)	–	52120-CM2	120/240V AC	(2) 2120 (1) 8120-GN
3ø WYE, 4-Wire & Ground (Without Enclosure)	–	52120-CM3	120/208V AC	(3) 2120 (1) 8120-GN
3ø WYE (International), 4-Wire & Ground	52220-IM3	–	220/380V AC	(3) 2220 (1) 8250-GN
3ø Delta, 3-Wire & Ground	52240-DM3	–	240V AC	(3) 2240
3ø WYE, 4-Wire & Ground	–	52277-CM3	277/480V AC	(3) 2277 (1) 8320-GN
3ø WYE, 4-Wire & Ground	52347-M3	–	347/600V AC	(3) 2347 (1) 8385-GN
3ø Delta, 3-Wire & Ground	52480-DM3	–	480V AC	(3) 2480
Split Phase Delta, 4-Wire & Ground	52412-DS3	–	120/240V AC	(2) 2120 (120V) & (1) 2412 (Hi-Leg)



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CATALOG NO.	MCOV	UL 1449 (2nd Ed) IMPULSE 6kV/500A				MAX.SURGE CURRENT in kA (test w/ 8x20µs wave)			NOISE REJECTION
47000 & 52000 Series									
47120-007 47120-4x7	140V AC	L-N	L-G	N-G	L-L	L-N + L-G = "per Phase"			-40 dB (@ 10K-10MHz)
		330	400	330	600	200	200	400	
47277-007 47277-4x7	320V AC	700	800	700	1500	200	200	400	-40 dB (@ 10K-10MHz)
47347-007	390V AC	1200	1300	1200	2200	200	200	400	-40 dB (@ 10K-10MHz)
52120-7C3	150V AC	400	500	400	800	100	100	200	20-40 (@ 5KHz-100MHz)
52277-7C3	320V AC	800	900	800	1500	100	100	200	20-40 (@ 5KHz-100MHz)
52000 Series									
52120-M1	150V AC	L-N	L-G	N-G	L-L	L-N			-20 to -40 dB (@ 5K-10MHz)
		400	800	400	-	100			
52120-CM2	150V AC	400	800	400	800	100			-20 to -40 dB (@ 5K-10MHz)
52120-CM3	150V AC	400	800	400	800	100			-20 to -40 dB (@ 5K-10MHz)
52220-IM3	250V AC	600	1200	600	1200	100			-20 to -40 dB (@ 5K-10MHz)
52240-DM3	L-L: 250V AC	-	-	-	600	100			-20 to -40 dB (@ 5K-10MHz)
52277-CM3	320V AC	800	1800	800	1800	100			-20 to -40 dB (@ 5K-10MHz)
52347-M3	420V AC L-L: 680	900	-	-	900	100			-20 to -40 dB (@ 5K-10MHz)
52480-DM3	550V AC	-	-	-	1500	100			-20 to -40 dB (@ 5K-10MHz)
52412-DS3	L-L: 250V AC	400	800	400	800	100			-20 to -40 dB (@ 5K-10MHz)

Power Quality Devices – Surge Protection Panels

