

## 52000 Series Branch Panel Mounts

DESCRIPTION	CAT. NO.	RATING	MODULE
1 Phase, 2-Wire & Ground	52120-M1	120V AC	2120
1 Phase, 3-Wire & Ground	52120-M2	120/240V AC	2120
3 Phase, 4-Wire & Ground	52120-M3	120/208V AC	2120
3 Phase (International)	52220-IM3	220/380V AC	2220
3 Phase Delta, 3-Wire & Ground	52240-DM3	240V AC	2240
3 Phase WYE, 4-Wire & Ground	52277-M3	277/480V AC	2277
3 Phase Delta, 3-Wire & Ground	52480-DM3	480V AC	2480

## Module Data: 52000 Series

CAT. NO.	RATED SINGLE PULSE TRANSIENT ENERGY JOULES (8x20µs)	MAX. SINGLE PULSE TRANSIENT CURRENT (8x20µs, AMPS PEAK) L-N/N-G	NOISE REJECTION @ 50 OHMS 5k-100MHz dB
2120	1,900	100kA/50kA	-20 to -40
2220	2,940	100kA/50kA	-20 to -40
2240	2,940	100kA/50kA	-20 to -40
2277	4,200	100kA/50kA	-20 to -40
2480	8,000	100kA/50kA	-20 to -40

## Module Clamping Performance: 52000 Series

CAT. NO.	RATING	MAX. CONTINUOUS OPERATING VOLTAGE (MCOV)	UL 1449 RATING (L-N) 2nd EDITION	CLAMP VOLTAGE (V PEAK CAT. B3, C62.41) 6kV-1.2x50µs, 3kA-8x20µs
2120	120V	150V	400V	450V
2220	220V	250V	600V	725V
2240	240V	250V	600V L-L	725V L-L
2277	277V	320V	800V	925V
2480	480V	550V	1500V	1600V

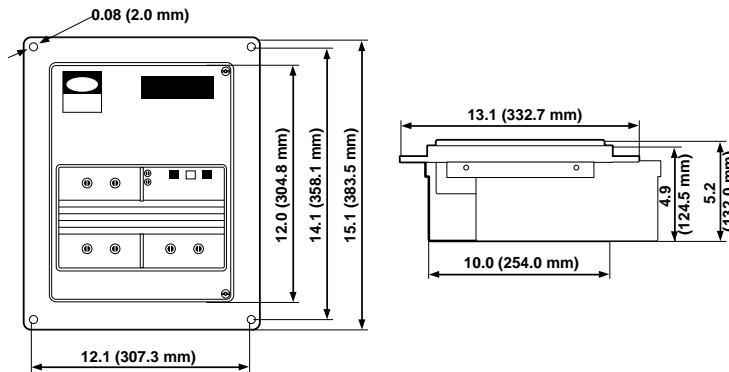
## Remote Supervisor

DESCRIPTION	CAT. NO.
Remote Supervisor	52000-RS

## 52000 Series Replacement/Spare Modules

CAT. NO.	RATING
2120	120V AC
2220	220V AC
2240	240V AC
2277	277V AC
2480	480V AC

All devices are UL Listed and CSA Certified.



Cat. No. 52120



## SPECIFICATIONS & FEATURES

- ### 52000 Series
- For installation at branch panels for protection in industrial & commercial facilities
  - Hybrid suppression circuitry
  - Clamping envelope tracks contour of the AC sine wave
  - Modular design allows easy replacement of modules without use of tools or the need to shut down the AC system
  - Real-time diagnostics monitor power & suppression status for each phase & allow use of optional Remote Supervisor
  - Dry contacts for remote monitoring
  - Provides Normal Mode (phase to neutral) & Common Mode (neutral to ground) protection for WYE-configured 3-phase AC systems
  - "Series connection" (Kelvin/feed-through) rated for 100 Amps maximum continuous line current using #3 AWG conductors
  - Fuse protection for each module
  - Housed in NEMA-12 case hinged cover, surface or flush mountable

## TESTING & CODE COMPLIANCE

- ### 52000 Series
- UL 1449 Listed
  - CSA Certified
  - Meets ANSI/IEEE C62.41 requirements for Categories A, B, C
  - Backed by a Limited 10-Year Warranty

## MATERIAL CHARACTERISTICS

Operating Temperature: -10°C to 60°C  
Storage Temperature: -20°C to 85°C