

Universal Surge Protective Device

MAP SERIES

Meter-Treater's MAP Series represents a new era in Surge Protection with its "one size fits all" application flexibility. All units contain short circuit and thermal fusing, a "smart sensing technology" that distinguishes between surges and overcurrent events.

This new suppressor package meets the current industry standards and stops surges right at the electric meter before they can enter a facility. The MAP Series is Listed to UL 1449 3rd Edition for use in either Type 1 or Type 2 installations.

The inventive design, performance and universal application features of the MAP, makes it the ideal choice for Commercial and Light Industrial applications.

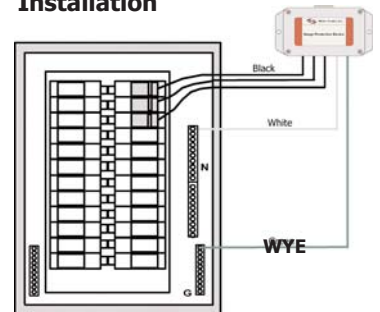
The Standard 10 Year Product Warranty is included.



Product Specifications		Notes
Max Surge Current	150kA (50kA per phase)	
Max Load Current*	up to 800 Amps Continuous	
Short Circuit Current* ¹	100kA RMS Symmetrical Amps	
Housing Rating	ABS Plastic	
Product Weight	1.50 lbs.	
Product Dimensions	5.125" x 3" x 1.375"	
Connection Method	Marine Grade Tinned Wires	
Fusing	Thermal and Short Circuit Fusing	
Operating Temperature*	-40 to +140 F (-40 to +60 C) ±10%	
Operating Frequency	50/60 Hz	
Operating Altitude	-200 ft. to +15,000 ft.	
Diagnostics	Fiber Optics	
Safety Standards	UL 1449 3rd Ed. (Sept. 2009)	
I _n *	20 kA (nominal discharge current)	

*Required by UL 1449 3rd Edition

Installation



Dimensions

Single/Split Phase Case



3 Phase Case



MODEL NUMBER	SERVICE VOLTAGE	MCOV	L-N	L-G	N-G	L-L
MAP050/120-10-0-2	120/240 Single					
MAP050/120-SP-0-2	120/240 Split	100	600	1200	600	1200
MAP050/120-3W-0-2	120/208 Wye	150	600	1200	600	1200
MAP050/120-3H-0-2	120/240 Highleg	150	600/1000	1200/1800	600	1200/1800
MAP050/240-3D-0-2	240 Delta	320	-	1000	-	2000
MAP050/240-2P-0-1	240 Volt Single					
MAP050/277-3W-0-2	277/480 Wye	320	1000	2000	1000	2000
MAP050/480-3D-0-2	480 Delta	550	-	1800	-	4000



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