

# Three Phase Universal Meter Base Surge Protective Device

## UTILITY APPLICATIONS

## MAP3 SERIES

Meter-Treater's MAP3 Model represents a new era in Meter Based 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 MAP3 Series is Listed to UL 1449 3rd Edition for use in either Type 1 or Type 2 installations. The New UL 1449 3rd Edition Standard will replace OWHX Surge Suppressor Standards in September of 2009.

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

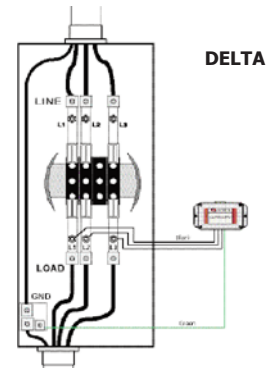
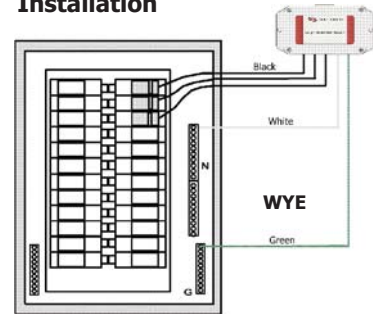
The Standard 10 Year Product Warranty is included.



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 (Type 1 SPD)	UL 1449 3rd Ed. (Sept. 2009)	
I <sub>n</sub> *	20 kA (nominal discharge current)	

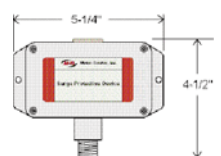
\*Required by UL 1449 3rd Edition

### Installation



MODEL NUMBER	SERVICE VOLTAGE	MCOV	L-N	L-G	N-G	L-L
MAP050/125-3W-UTIL	120/208 Wye	180	600	1200	600	1200
MAP050/240-3D-UTIL	240 Delta	320	-	1000	-	2000
MAP050/125-3H-UTIL	120/240 Highleg	180	600/1000	1200/1800	600	1200/1800
MAP050/277-3W-UTIL	277/480 Wye	320	1000	2000	1000	2000
MAP050/480-3D-UTIL	480 Delta	550	-	1800	-	4000

### Dimensions



### Meter-Treater, Inc.

1349 South Killian Drive, Lake Park, Florida, 33403

**Tel: Main** (561) 845-2007  
**Sales** (800) 638-3788  
**Fax:** (561) 848-2372  
**E-Mail:** sales@metertreater.com  
**Web:** www.metertreater.com