

Commercial/Industrial Panel Surge Protective Device

MPT SERIES

The MPT Series is a modular Transient Protection System providing high-energy surge protection and optional RF filtering for Commercial, Industrial and Remote Site applications. These panel units provide superior control over transients by delivering low clamping voltages combined with high surge energy handling capabilities. They are configured for quick and easy parallel installation.

The MPT Series is available for all service voltages and phase configurations and can be equipped with several specialized diagnostic options. All Models have a fault current rating suitable for Type 1 or Type 2 service panel applications and are available with surge ratings from 100kA to 300kA per phase.

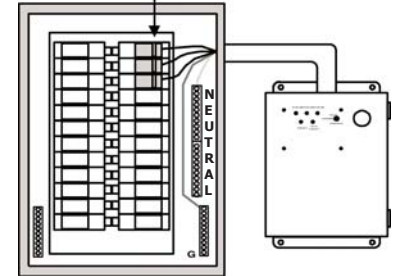
On board diagnostics include a front panel display equipped with LED indicators that continuously monitor the operational status of the entire unit. An audible alarm is standard with switch positions for test, disable and enable and a set of NO/NC contacts are provided as an interface for the optional remote monitoring. Filter option also available.



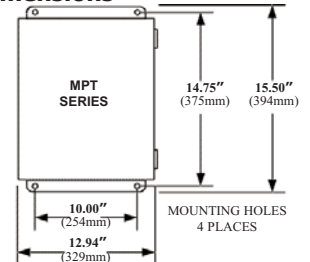
Product Specifications		Notes
Max Surge Current	300kA per phase	
Short Circuit Current*	100kA RMS Symmetrical Amps	
Housing Rating	NEMA 4/12	
Fusing	Coordinated Surge and Thermal	
Operating Frequency	50/60 Hz	
Operating Altitude	-200 ft. to +15,000 ft.	
Diagnostics	LED, Audible Alarm, Surge Counter	
Safety Standards	UL 1449 3rd Ed. (Sept. 2009) UL 1283	
I _n *	10/20kA	

*Required by UL 1449 3rd Edition
Optional Filtering Available: -50dB @ 100kHz (Mil Std. 220A)

Installation 3 POLE BREAKER



Dimensions



MODEL NUMBER	SERVICE VOLTAGE	MCOV	VPR			
			L-N	L-G	N-G	L-L
MPTXXX/120-10-#-1/	120 Volt, Single Phase	150 Vac	700V	700V	700V	N/A
MPTXXX/120-SP-#-1/	120/240 Volt, Split Phase	150 Vac	700V	700V	700V	1500V
MPTXXX/120-3W-#-1/	120/208 Volt, 3 Phase Wye	150 Vac	700V	700V	700V	1500V
MPTXXX/120-3H-0-1/	120/240 Volt, 3 Phase HL Delta	150/320 Vac	700/1000V	700/1000V	700V	1500/1800V
MPTXXX/240-3D-0-1/	240 Volt, 3 Phase Delta	320 Vac	N/A	1000V	N/A	2000V
MPTXXX/220-3W-#-1/	220/380 Volt, 3 Phase Wye	320 Vac	1000V	1000V	1000V	2000V
MPTXXX/230-3W-#-1/	230/400 Volt, 3 Phase Wye	320 Vac	1000V	1000V	1000V	2000V
MPTXXX/240-3W-#-1/	240/415 Volt, 3 Phase Wye	320 Vac	1000V	1000V	1000V	2000V
MPTXXX/277-3W-#-1/	277/480 Volt, 3 Phase Wye	320 Vac	1000V	1000V	1000V	2000V
MPTXXX/480-3D-0-1/	480 Volt, 3 Phase Delta	520 Vac	N/A	1800V	N/A	4000V

- NOTES:**
1. Replace XXX with desired kA rating, per phase: 100 for 100kA, 200 for 200kA or 300 for 300kA.
 2. Replace # with F if filtering is required (WYE Models Only).
 3. Place a /RM at the end of the part number for the Remote Monitoring option.
 4. Replace -1 with -2 for Polycarbonate or -SS for NEMA 4 Stainless Steel



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