

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.

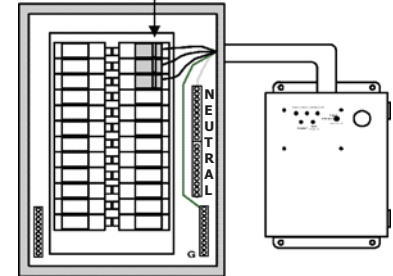
On board diagnostics include a front panel display equipped with LED indicators that continuously monitor the operational status of the entire unit. An audible alarm is standard with switch positions for test, disable and enable and a set of NO/NC contacts are provided as an interface for the optional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



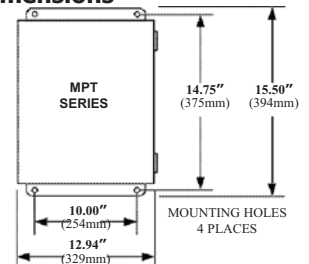
| Product Specifications | | Notes |
|------------------------|---|-------|
| Max Surge Current | 300kA per phase | |
| Short Circuit Current* | 100kA RMS Symmetrical Amps | |
| Housing Rating | NEMA 4, 4X or 12 | |
| Fusing | Coordinated Surge and Thermal | |
| Operating Frequency | 50/60 Hz | |
| Operating 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 | |
| Warranty | 15 Year Product Warranty | |

*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 Model Number for the Remote Monitoring option.
 4. Add /POL to the end of the Model Number for NEMA 4X NonMetallic or /SS for NEMA 4 Stainless Steel or /WP for Weatherproof



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