

Commercial/Industrial Panel Surge Protective Device

BPT SERIES

The BPT Series is a Transient Protection System that provides heavy-duty surge protection and filtering for industrial and commercial sites against the harmful affects of transient energies induced on AC power lines. The BPT's unique construction allows it to deliver low clamping voltages while safely handling large surge currents. Configured for parallel installation, units install quickly and easily. All models are suitable for Type 1 or Type 2 service panel applications.



On-board diagnostics include a 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. A Surge Counter and a set of NO/NC dry contacts are also standard*. A Remote Monitor and/or Filter are available as options.

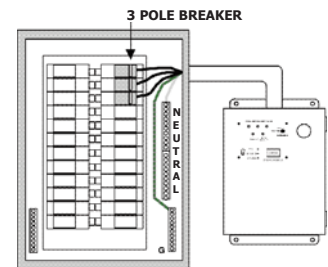
Weather Resistant models available in a NEMA 4X housing with internal diagnostics for harsh environments. Fifteen (15) Year Product Warranty included with all models.

*Audible Alarm and Surge Counter are not included with the NEMA 3R model.

Product Specifications		Notes
Max Surge Current	200kA per phase	
Short Circuit Current*	100kA RMS Symmetrical Amps	
Housing Rating	NEMA 3R, 4, 4X or 12	
Product Weight	12 lbs.	
Fusing	Coordinated Surge & 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^*	10kA/20kA	

*Required by UL 1449 3rd Edition

Installation



Dimensions

Housing	Dimensions	Weight
NEMA 12 & 4	11.5" L x 9" W x 6" D	13 lbs
NEMA 3R	10.25" L x 8.5" W x 6" D	12 lbs
NEMA 4X	10" L x 8" W x 4" D	12 lbs

MODEL NUMBER	SERVICE VOLTAGE	MCOV	VPR			
			L-N	L-G	N-G	L-L
BPTXXX/120-10-#-1/	120 Volt, Single Phase	150 Vac	600V	600V	600V	N/A
BPTXXX/120-SP-#-1/	120/240 Volt, Split Phase	150 Vac	600V	600V	600V	1200V
BPTXXX/120-3W-#-1/	120/208 Volt, 3 Phase Wye	150 Vac	600V	600V	600V	1200V
BPTXXX/120-3H-#-1/	120/240 Volt, 3 Phase HL Delta	150/320 Vac	600/1000V	600/1000V	600V	1200/1500V
BPTXXX/240-3D-0-1/	240 Volt, 3 Phase Delta	320 Vac	N/A	1000V	N/A	1200V
BPTXXX/220-3W-#-1/	220/380 Volt, 3 Phase Wye	320 Vac	1000V	1000V	1000V	2000V
BPTXXX/230-3W-#-1/	230/400 Volt, 3 Phase Wye	320 Vac	1000V	1000V	1000V	2000V
BPTXXX/240-3W-#-1/	240/415 Volt, 3 Phase Wye	320 Vac	1000V	1000V	1000V	2000V
BPTXXX/277-3W-#-1/	277/480 Volt, 3 Phase Wye	320 Vac	1000V	1000V	1000V	2000V
BPTXXX/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 or 200 for 200kA.
 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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