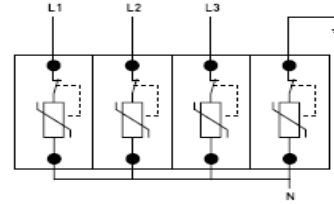




4-POLE, 3-Phase WYE,  
5-Wire



Technical Features	Catalog Number	
	STP480YN07M	
Approval Standard	UL 1449 Edition 4 <sup>th</sup>	
Configuration	Three Phase, 3 hot, 1 Neu, 1 Grnd	
Technology	TPMOV® (Intergrated Fuse Inside )	
Type of Connection	Parallel	
Frequency	47 – 63Hz	
Mode of Protection	10 Modes (L-N,L-L, L-G, N-G)	
Nominal Voltage	$U_n$	230/380VAC, 277/480VAC
Maximum Continuous Operating Voltage	$U_c$	L-N: 320VAC; L-L: 640VAC
Maximum Discharge Current (8/20)	$I_{max}$	75kA Per Phase
Nominal Discharge Current (8/20)	$I_n$	20kA
Voltage Protection Level at 6kV, 3kA	VPR	L-N: 1000V; N-G: 600V
Voltage Protection Level at 6kV, 20kA	$U_p$	L-N: 1200V; N-G: 800V
Response Time (all modes)	$t_A$	25ns
Temporary Overvoltage Characteristics	$U_T$	L-N: 442V/120Min; N-G: 1200V/200ms
Short Circuit Current Rating (SCCR)	$I_{sc}$	200kA
Filter	No	
Indicator	Visual End of Life Indicator, Dry Contact	
Surge Counter	No	
Insulation Resistance	1000MΩ	
Remove impulse voltage technology	Standard sinewave for electrical system	
Leakage Current at $U_c$	<1mA	
Degree of Protection	IP20	
Overcurrent Protection	No Overcurrent Protection Required	
Mounting On	Din Rail 35mm	
Wire Range	1.5mm <sup>2</sup> to 25mm <sup>2</sup> (Flexible)/ 35mm <sup>2</sup> (Rigid)	
Terminal Torque	14.75 lb - in / 1.67 N - m	
Operating Temperature	-40°C to +85°C	
Humidity Range	0 - 95%	
Warranty	2 Years	

**DIMENSIONS - STP SERIES**

poles	a	
	IN	MM
1 Pole	0.69	17.5
2 Pole	1.38	35
3 Pole	2.07	52.5
4 Pole	2.76	70

