



WYE 3 Hots, 1 Neu, 1 Grnd

Technical Features	Catalog Number	
	STXT480Y20	
Approval Standard	UL 1449 Edition 4 <sup>th</sup>	
Configuration	Wye, 3 hots, 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	$U_n$	220/380VAC; 277/480VAC
Maximum Continuous Operating Voltage	$U_c$	L-N: 320VAC; L-L: 640VAC
Maximum Discharge Current (8/20)	$I_{max}$	200kA Per Phase; 100kA Per Mode
Nominal Discharge Current (8/20)	$I_n$	20kA
Voltage Protection Level at 6kV, 3kA	$U_p$	L-N: 1200V; N-G: 700V
Measured Limited Voltage 2kV, 67A		25 - 47V
Response Time (all modes)	$t_A$	1ns
Temporary Overvoltage Characteristics	$U_T$	L-N: 410V/5s; N-G: 425V/5s
Short Circuit Current Rating (SCCR)	$I_{sc}$	200kA
Filter		EMI/RFI Filter up to -50 dB from 10kHz up to 100 mHz
Indicator		LED Status Indicator Phase Loss Indication
Surge Counter		No
Multi Discharge System		Yes
Remove impulse voltage technology		Standard sinewave for electrical system
Leakage Current		No
Degree of Protection		NEMA 4X Non-metallic
Enclosure material		UL94-5VA
Mounting On		Panel
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		10 Years

Dimensions and Mounting Configurations

