



WYE 3 Hots, 1 Neu, 1 Grnd

Technical Features	Catalog Number	
	STZ480Y30B1	
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)	$I_{max}$	300kA Per Phase; 150kA 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: Green = 67% to 100% life, Yellow = 34% to 66% life, Red = 0 to 33% life. Phase Loss Indication; Audible Alarm; Dry Contact
Surge Counter		Yes
Multi Discharge System		Yes
Remove impulse voltage technology		Standard sinewave for electrical system
Leakage Current		No
Degree of Protection		NEMA 1/12/3R/4
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		15 Years

