

## » TN SERIES

SPD designed for UL 1449 Third Edition & CE Listed

### » DESIGN FEATURES

- ANSI/IEEE C62.41 Location C, B, & A.
- Ideal for mounting next to switchgear, MCC, distribution panels
- High energy fail-safe MOV-based parallel hybrid design with component level fusing
- Solid-state bi-directional protection technology

### » PERFORMANCE

- Surge currents per phase: 60, 80, 100, 120
- Regulatory Listings: UL 3rd Edition Certified, Type 2 SPD; CE Marked
- 4 Discrete modes of protection L-N, N-G
- LED Indicators per phase
- Life Cycle Tested: 3,000 Cat. C3 High Exposure Impulses with  $\leq 10\%$  degradation
- Operating frequency: 47-400Hz; Operating temperature: -40C to +70C
- Enclosure: NEMA 4X (IP66); UL94-5V; Fiberglass reinforced polyester;
- Non-corrosive; Water resistant; Dust tight; Impact resistance
- Pre-wired with #10AWG leads
- Size: 7.5 x 5.5 x 4.75 (19 x14x12cm); Weight: 10lbs/4.5kg
- Warranty: 10 Years FREE REPLACEMENT



### » UL 1449 3RD EDITION 6KV/3KA VPL (VOLTAGE PROTECTION LEVEL)

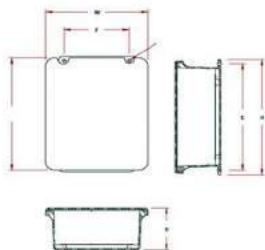
Model Number	System Configuration	MCOV Uc	UL Voltage Protection Ratings			
			L - N	N - G	L - G	L - L
GS-TN-XXX-1P240	1Ø, 240v, 2W+G	320V	1000	1800	1000	1800
GS-TN-XXX-1S240	1Ø, 120/240v, 3W+G	150V	700	1200	700	1000
GS-TN-XXX-3Y208	3Ø 120/208v wye, 4W+G	150V	700	1200	700	1000
GS-TN-XXX-3Y380	3Ø 220/380v wye, 4W+G	320V	1000	1800	1000	1800
GS-TN-XXX-3Y480	3Ø 277/480v wye, 4W+G	320V	1000	1800	1000	1800
GS-TN-XXX-240D	3Ø 240 Delta 3W+G	320V	N/A	N/A	1000	1800
GS-TN-XXX-380D	3Ø 380 Delta 3W+G	550V	N/A	N/A	1800	3200
GS-TN-XXX-480D	3Ø 480 Delta 3W+G	550V	N/A	N/A	1800	3200

### » MODEL SELECTION GUIDE

Surge Current	Voltage Code
060	1P240 (Single phase 240)
080	1S240 (Split phase 240)
100	3Y208 (120/208Y)
120	3Y380 (220/380Y)
	240D (240Δ Delta)
	380D (380Δ Delta)
	480D (480Δ Delta)

Part Number Example: GS-TN100-3Y380

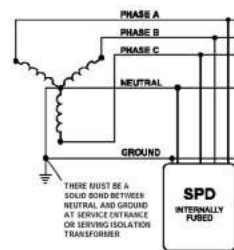
#### DIMENSIONS



H x W x D  
7.5" x 5.43" x 4.75"

E x F  
6.75" x 2.0"

#### TYPICAL 3Ø WYE (STAR) INSTALLATION



We are constantly seeking to improve our products and specifications are subject to change at any time.