

TL SERIES

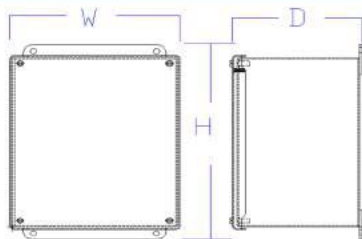
Our full featured SPD that incorporates high-energy MOVs with the best performing AC filter on the market to provide protection against externally and internally generated transients and noise

DESIGN FEATURES

- ANSI/IEEE C62.41 Location C, & B
- SPD according to IEC 61643-1 Class I, II
- Ideal for mounting next to switchgear, MCCs, distribution panels, and branch panels
- High energy fail-safe parallel hybrid design with component level thermal fusing
- Solid-state bi-directional protection
- Silica encapsulated for increased safety

PERFORMANCE

- Surge currents per phase (Imax): 120, 160, 200, 250, 320, 400, 420kA
- Nominal discharge surge current In: 60, 80, 100, 125, 160, 200, 210kA
- Regulatory Listings: UL 3rd Edition Certified, Type 1 & Type 2 SPD; CE Marked; Tested to UL1283; 4th Edition Compliant
- All mode protection: L-G, L-N, N-G, L-L
- 200kAIC fault current rating
- Green LED fault indicators for each phase
- Life Cycle Tested: 7,000 Cat. 3 High Exposure Impulses with $\leq 4\%$ degradation
- Operating frequency: 47-400Hz;
- Operating Temperature: -40C to +65C
- Non condensing humidity: 5% to 95%
- Advanced EMI Filter frequency range: -45dB at 3kHz to 1MHz
- Enclosure: NEMA 12 (IP52); Painted Steel
- Pre-wired with #10AWG leads
- Size: -11.5 x 8 x 6 (292x203x157.5mm); Weight: 30lbs/13.5kg (approximate)
- Warranty: 10 Years FREE REPLACEMENT



DIMENSIONAL SPECIFICATIONS

Dim		(mm)
H3	11.50	(292.1)
W1	8.00	(203.2)
D	6.20	(157.5)

ALL MEASUREMENTS IN INCHES (MM)

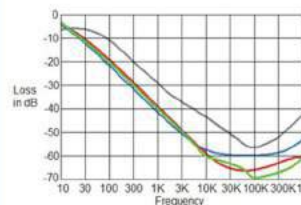


UL 1449 3RD EDITION 6KV/3KA VPL (VOLTAGE PROTECTION LEVEL)

Model Number	System Configuration	MCOV Uc	UL Voltage Protection Ratings			
			L-N	N-G	L-G	L-L
GS-TLXXX-1P240	1Ø, 240v, 2W+G	320V	1000	1000	1000	1800
GS-TLXXX-1S240	1Ø, 120/240v, 3W+G	150V	700	700	700	1000
GS-TLXXX-3Y208	3Ø 120/208v wye; 4W+G	150V	700	700	700	1000
GS-TLXXX-3Y380	3Ø 220/380v wye; 4W+G	320V	1000	1000	1000	1800
GS-TLXXX-3Y480	3Ø 277/480v wye; 4W+G	320V	1000	1000	1000	1800
GS-TLXXX-240D	3Ø 240v Delta	320V	N/A	N/A	1000	1800
GS-TLXXX-240H	3Ø 240v Delta High Leg	150V L-N 275V H-N	700 1000	700 1000	1000	1000 1800
GS-TLXXX-380D	3Ø 380v Delta	550V	N/A	N/A	1800	3000
GS-TLXXX-480D	3Ø 480v Delta	550V	N/A	N/A	1800	3000

MODEL SELECTION GUIDE

Surge Current	Voltage Code	Option
120	1P240 (Single phase 240)	F -45 dB Transient filter
160	1S240 (Split phase 240)	FA --55 dB Advanced Power filter
200	3Y208 (120/208Y)	C - Resettable surge counter
250	3Y480 (277/480Y)	A - Alarm, audible, Red LED
300	240D (240 Delta)	Remote relay contacts
400	380D (380 Delta)	R - Dry relay contacts
420	480D (480 Delta)	
	240 H (240 Delta High-leg)	
Part Number Example: GS-TL-200-3Y380-F-C-A		



LEGENDS:

- Tracker -45 dB Filter
- Tracker -55 dB Power Filter
- Tracker

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