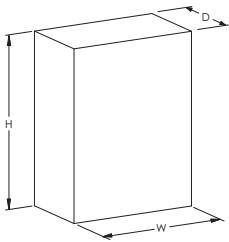


TSG Surge Reduction Filter, Three Phase



- Incorporates TSG and TD Technologies high-performance protection
- High surge rating ideal for exposed critical service entrance applications
- Surge reduction filters reduce rate-of-voltage rise (dv/dt), provide improved protection for electronic equipment and dramatically reduce let-through voltage
- Escutcheon panel provides improved safety



Rated Load Current Range: 400 – 2,000 A

Part Number	TSG-SRF31250	TSG-SRF32000
Article Number	700195	700215
Nominal System Voltage (Un)	220/380 VAC 240/415 VAC	
Max Continuous Operating Voltage (Uc)	275/476 VAC	
Stand-off Voltage	440/762 VAC	
Rated Load Current (IL)	1,250 A	2,000 A
Voltage Protection Level (Up), L-N	500 V @ 3 kA 500 V @ 20 kA	
Max Discharge Current (Imax), Per Mode	130 kA 8/20 μ s	
Impulse Current (Iimp)	50 kA 10/350 μ s	
Filtering	-40 dB @ 100 kHz	
Frequency	50 – 60 Hz	
Heat Dissipation	350 W	600 W
Input Connection	12 mm Stud	
Output Connection	12 mm Stud	
Distribution System	3Ph Y 4W+G	
Protection Modes	All modes protected	
System Compatibility	TN-C TN-C-S TN-S TT	
Technology	Triggered Spark Gap In-line series low pass sine wave filter	

Part Number	TSG-SRF31250	TSG-SRF32000
Enclosure Material	Metal	
Enclosure Rating	IP 33	
Mounting	Wall mount	
Status Indication	LED Change-over contact	
Depth (D)	315 mm	
Height (H)	1,650 mm	
Width (W)	1,200 mm	
Unit Weight	288 kg	360 kg
Complies With	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C ANSI®/IEEE® C62.41.2-2002 Scenario II, Exposure 3, 100 kA 8/20 μ s, 10 kA 10/350 μ s	

Back-Up Overcurrent Protection for 40 A and 63 A Rated Units		
Supply Rating	Minimum Circuit Breaker Rating	Minimum Fuse Rating
500 A (10 kAIC Max)	100 A	40 A
750 A (15 kAIC Max)	100 A	63 A
1000 A (20 kAIC Max)	125 A	80 A
2000 A (43 kAIC Max)	160 A	100 A

Back-Up Overcurrent Protection equals Max Line Current (IL) unless otherwise noted.

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WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.erico.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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