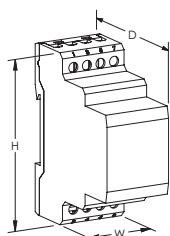


DIN Rail Surge Filter



- In-line series protection
- EMI/RFI noise filtering protects against industrial electrical noise
- Compact design fits into motor control and equipment panels
- Three modes of protection: L-N, L-PE and N-PE
- DIN rail mount provides simple installation
- LED power indicator



Part Number	DSF6A150V	DSF6A275V	DSF6A30V	DSF20A150V	DSF20A275V
Article Number	701000	701030	702090	-	701020
Rated Load Current (IL)	6 A			20 A	
Nominal System Voltage (Un)	110 - 120 V	220 - 240 V	24 V	110 - 120 V	220 - 240 V
Max Continuous Operating Voltage (Uc)	150 VAC	275 VAC	30 VAC 38 VDC	150 VAC	275 VAC
Frequency	50 - 60 Hz		0 - 60 Hz	50 - 60 Hz	
Max Operating Current	7 mA			-	
Max Discharge Current (Imax)	16 kA 8/20 μ s L-N 16 kA 8/20 μ s L-PE 16 kA 8/20 μ s N-PE		4 kA 8/20 μ s L-N 4 kA 8/20 μ s L-PE 4 kA 8/20 μ s N-PE	15 kA 8/20 μ s L-N 15 kA 8/20 μ s L-PE 25 kA 8/20 μ s N-PE	
Voltage Protection Level (Up)	400 V @ 3 kA	750 V @ 3 kA	110 V @ 3 kA	400 V @ 3 kA	710 V @ 3 kA
Back-Up Overcurrent Protection	6 A			20 A	
Filtering	-3 dB @ 300 kHz			-3 dB @ 62 kHz	
Distribution System	1Ph 2W+G				
Protection Modes	All modes protected				
Connection, Solid	1 - 6 mm ²				
Connection, Stranded	1 - 6 mm ²				
Mounting	35 mm top hat DIN rail				
Status Indication	LED				
Enclosure Material	UL® 94V-0 Thermoplastic				
Enclosure Rating	IP 20				

Part Number	DSF6A150V	DSF6A275V	DSF6A30V	DSF20A150V	DSF20A275V
	NEMA®-1				
Temperature	-35 to 55 °C				
Module Width	2 M			4 M	
Depth (D)	68 mm				
Height (H)	90 mm				
Width (W)	36 mm			72 mm	
Unit Weight	0.2 kg			0.7 kg	
Complies With	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B				

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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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