

DIN Rail Surge Filter, 6 A, 24 V Un

CATALOG NUMBER

DSF6A30V



CERTIFICATIONS



FEATURES

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

PRODUCT ATTRIBUTES

Article Number: 702090

Rated Load Current (IL): 6A

Nominal System Voltage (Un): 24 V

Max Continuous Operating Voltage (Uc): 30 VAC;38 VDC

Frequency: 0 - 60 Hz

Max Operating Current: 7 mA

Max Discharge Current (Imax), L-N: 4kA 8/20 μ s

Max Discharge Current (Imax), L-PE: 4kA 8/20 μ s

Max Discharge Current (Imax), N-PE: 4kA 8/20 μ s

Voltage Protection Level (Up): 110 V @ 3 kA

Back-Up Overcurrent Protection: 6A

Filtering: -3 dB @ 300 kHz

Distribution System: 1Ph 2W+G

Protection Modes: All modes protected

Connection, Solid: 1 - 6 mm²

Connection, Stranded: 1 - 6 mm²

Mounting: 35 mm top hat DIN rail

Status Indication: LED

Enclosure Material: UL® 94V-0 Thermoplastic

Enclosure Rating: IP 20;NEMA®-1

Temperature: -35 to 55 °C

Module Width: 2 M

Depth (D): 68mm

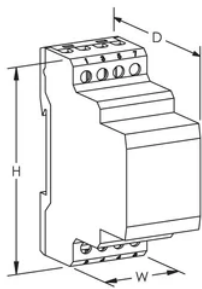
Height (H): 90 mm

Width (W): 36 mm

Unit Weight: 0.2 kg

Complies With: ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B

DIAGRAMS



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.nvent.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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