

SERVICE ENTRANCE SUPPRESSOR, 40 KA, METAL

CATALOG NUMBER

SES40120/240



CERTIFICATIONS



FEATURES

Compact NEMA®-4 enclosure design can be flush mounted or installed in a small space

LED status indication flag for status monitoring

120/240 VAC operating voltage suits the most common power distribution system for residential or small commercial buildings

40 kA 8/20 μ s maximum surge rating provides protection suitable for service entrance and distribution panels

PRODUCT ATTRIBUTES

Nominal System Voltage (Un): 120/240 V

Distribution System: 1Ph 3W+G

Max Continuous Operating Voltage (Uc): 170/276 VAC

Frequency: 50 - 60 Hz

Short Circuit Current Rating (SCCR): 200kA

Nominal Discharge Current (In): 20kA 8/20 μ s

Max Discharge Current (Imax), Per Mode: 40kA 8/20 μ s

Voltage Protection Rating (VPR): 800 V @ 3 kA; 1200 V @ 20 kA

Protection Modes: L-L;L-N;L-PE

Status Indication: LED

Technology: MOV with thermal disconnect

Lead Length: 30"

Lead Size imperial: #10

Ground Lead Length: 36"

Temperature: -40 to 176 °F

Enclosure Material: Metal

Enclosure Rating: IP 65;NEMA®-4

Mounting: 3/4" straight nipple

Depth (D): 2.87"

Height (H): 3.27"

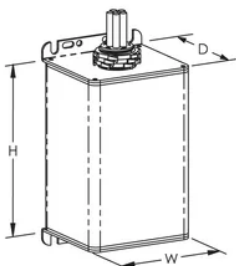
Width (W): 3.27"

Unit Weight: 1.54 lb

Certification Details: UL® 1449 Edition 5 Type 1/2, 20 kA Mode

Complies With: ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C;ANSI®/IEEE® C62.41.2-2002 Scenario II, Exposure 2, 20 kA 8/20 μ s, 2 kA 10/350 μ s;IEC® 61643-1 Class II

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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