SERVICE ENTRANCE SUPPRESSOR, 200 KA, 120/240 V UN

CATALOG NUMBER

SES200120/240



FEATURES

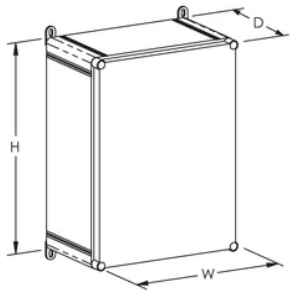
- 200kA 8/20µs primary protection rated for service entrance applications
- Modular design allows easy replacement of surge modules
- Built-in disconnect and fusing eliminates need for external fusing
- Transient Discriminating (TD) Technology provides increased service life

PRODUCT ATTRIBUTES

- Nominal System Voltage (Un): 120/240 V
- Distribution System: 1Ph 3W+G
- Max Continuous Operating Voltage (Uc): 170/340 VAC
- Stand-off Voltage: 240/480 V
- Frequency: 50 - 60 Hz
- Short Circuit Current Rating (SCCR): 200 kA
- Nominal Discharge Current (In), Per Mode: 80 kA 8/20 µs
- Max Discharge Current (Imax), Per Mode: 100 kA 8/20 µs
- Voltage Protection Rating (VPR): 600 V @ 3 kA L-N;800 V @ 20 kA L-N
- Aggregate Surge Rating: 200 kA 8/20 -s
- Impulse Current (Iimp): 20 kA 10/350 µs
- Max Operating Current: 25 mA
- Protection Modes: All modes protected
- Status Indication: 5 segment LED bar graph per phase
- Technology: TD technology with thermal disconnect
- Lead Size imperial: #12
- Temperature: 14 to 140 °F
- Enclosure Material: Polycarbonate

Enclosure Rating: IP 66;NEMA®-4X
Mounting: Wall mount
Depth: 7 1/2"
Height: 16"
Width: 12"
Unit Weight: 17.64 lb
Certification Details: UL® 1449 Edition 3 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 3, 100 kA 8/20 µs, 10 kA 10/350 µs

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.

North America
+1.800.753.9221
Option 1 – Customer Care
Option 2 – Technical Support

Europe
Netherlands:
+31 800-0200135
France:
+33 800 901 793

Europe
Germany:
800 1890272
Other Countries:
+31 13 5835404

APAC
Shanghai:
+ 86 21 2412 1618/19
Sydney:
+61 2 9751 8500

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