

## SERVICE ENTRANCE SUPPRESSOR, 200 KA, 277/480 V UN

### CATALOG NUMBER

**SES200277/480**



### FEATURES

200kA 8/20 $\mu$ s 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): 277/480 V

Distribution System: 3Ph Y 4W+G

Max Continuous Operating Voltage (Uc): 400/692 VAC

Stand-off Voltage: 480/831 V

Frequency: 50 – 60 Hz

Short Circuit Current Rating (SCCR): 200 kA

Nominal Discharge Current (In), Per Mode: 80 kA 8/20  $\mu$ s

Max Discharge Current (Imax), Per Mode: 100 kA 8/20  $\mu$ s

Voltage Protection Rating (VPR): 900 V @ 3 kA L-N; 1,000 V @ 20 kA L-N

Aggregate Surge Rating: 200 kA 8/20  $\mu$ s

Impulse Current (Iimp): 20 kA 10/350  $\mu$ s

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: #12 – #2

Temperature: 14 – 140 °F

Enclosure Material: Polycarbonate

Enclosure Rating: IP 66;NEMA®-4X

Mounting: Wall mount

Depth (D): 7 1/2"

Height (H): 16"

Width (W): 12"

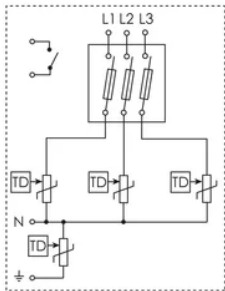
Unit Weight: 17.640 lb

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  $\mu$ s, 10 kA 10/350  $\mu$ s

## DIAGRAMS

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## WARNING

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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](http://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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