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

CATALOG NUMBER

SES200277/480



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): 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 µs
- Max Discharge Current (Imax), Per Mode: 100 kA 8/20 µs
- Voltage Protection Rating (VPR): 900 V @ 3 kA L-N;1000 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 (D): 7 1/2"

Height (H): 16"

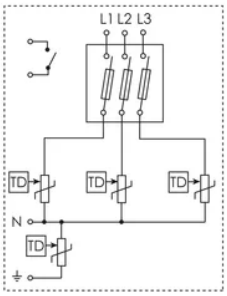
Width (W): 12"

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.

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