

SERVICE ENTRANCE SUPPRESSOR, 200 KA WITH METAL ENCLOSURE, 220/240 V UN

CATALOG NUMBER

SES200240DCM



FEATURES

200kA 8/20 μ s primary protection rated for service entrance applications

Internal high interrupt capacity fusing for added safety

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

Includes surge counter and filtering

PRODUCT ATTRIBUTES

Nominal System Voltage (Un): 220/240 V

Distribution System: 3Ph Δ 3W+G

Max Continuous Operating Voltage (Uc): 400 VAC

Stand-off Voltage: 275 V

Frequency: 50 – 60 Hz

Short Circuit Current Rating (SCCR): 200 kA

Nominal Discharge Current (In): 80 kA 8/20 μ s

Max Discharge Current (Imax): 100 kA 8/20 μ s

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

Impulse Current (Iimp): 20 kA 10/350 μ s

Aggregate Surge Rating: 200 kA 8/20 μ s

Filtering: -40 dB @ 100 kHz

Max Operating Current: 25 mA

Protection Modes: All modes protected

Status Indication: 5 segment LED bar graph per phase; Surge counter

Lead Size: #12 – #2

Temperature: 14 – 140 °F

Enclosure Material: Metal

Enclosure Rating: NEMA®-4

Mounting: Wall mount

Width: 14"

Height: 16"

Depth: 7 1/2"

Unit Weight: 28.660 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

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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