

## SERVICE ENTRANCE SUPPRESSOR(P), 40 KA DC, 300 VDC UN

### CATALOG NUMBER

**SES40P300DC**



### CERTIFICATIONS



### FEATURES

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

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

Mounting bracket available for mounting within panel backplane

### PRODUCT ATTRIBUTES

Nominal System Voltage (Un): 300 VDC

Distribution System: DC 2W+G

Max Continuous Operating Voltage (Uc): 360 VDC

Short Circuit Current Rating (SCCR): 100 kA

Nominal Discharge Current (In): 20 kA 8/20  $\mu$ s

Max Discharge Current (Imax): 40 kA 8/20  $\mu$ s

Voltage Protection Rating (VPR): 1,200 V @ 3 kA

Voltage Protection Rating (VPR), DC+ - DC-: 2,500 V

Voltage Protection Rating (VPR), PE - DC+: 1,500 V

Voltage Protection Rating (VPR), PE - DC-: 1,500 V

Status Indication: Blue LED

Technology: MOV with thermal disconnect

Lead Length: 30"

Lead Size: #12

Temperature: -40 to 176 °F

Enclosure Material: UL® 94V-0 Thermoplastic

Enclosure Rating: NEMA®-4X

Mounting: 3/4" straight nipple

Unit Weight: 0.550 lb

Certification Details: UL® 1449 Edition 5 for DC General Use

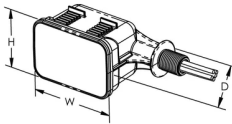
Complies With: ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C

Depth: 3"

Height: 2 3/4"

Width: 4 3/4"

## 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](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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