

# SERVICE ENTRANCE SUPPRESSOR, 40 KA, METAL



## CERTIFICATIONS



## FEATURES

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

LED status indication flag for status monitoring

120/240 VAC operating voltage suits the most common power distribution system for residential or small commercial buildings

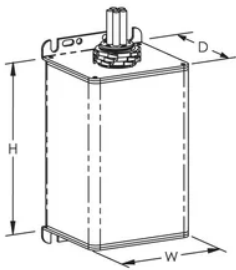
40 kA 8/20 μs maximum surge rating provides protection suitable for service entrance and distribution panels

## SPECIFICATIONS

<b>Catalog Number</b>	<b>SES40120/240</b>
Nominal System Voltage (Un)	120/240 V
Distribution System	1Ph 3W+G
Max Continuous Operating Voltage (Uc)	170/276 VAC
Frequency	50 - 60 Hz
Short Circuit Current Rating (SCCR)	200 kA
Nominal Discharge Current (In)	20 kA 8/20 μs
Max Discharge Current (Imax)	40 kA 8/20 μs
Voltage Protection Rating (VPR)	800 V @ 3 kA 1,200 V @ 20 kA
Technology	MOV with thermal disconnect
Protection Modes	L-L L-N L-PE
Status Indication	LED
Lead Size	#10

Catalog Number	SES40120/240
Lead Length	30"
Temperature	-40 to 176 °F
Ground Lead Length	36"
Mounting	3/4" straight nipple
Enclosure Rating	IP 65 NEMA@-4
Enclosure Material	Metal
Depth(D)	2.870"
Width(W)	3.270"
Height(H)	3.270"
Unit Weight	1.540 lb
Certification Details	UL® 1449 Edition 5 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 2, 20 kA 8/20 µs, 2 kA 10/350 µs IEC® 61643-1 Class II

## 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.

### 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:  
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