nVent | ERICO

We connect and protect

Service Entrance Suppressor, 40 kA, Metal

CERTIFICATIONS

FEATURES

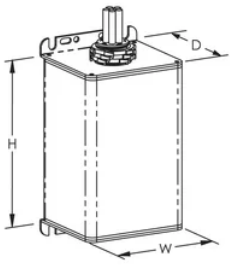
- Compact NEMA®-4 enclosure design can be flush mounted or installed in a small space
- LED status indication flag for status monitoring
- 120/240 VAC operating voltage suits the most common power distribution system for residential or small commercial buildings
- 40 kA 8/20 µs maximum surge rating provides protection suitable for service entrance and distribution panels

SPECIFICATIONS

Catalog Number	**SES40120/240**
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)	200kA
Nominal Discharge Current (In)	20kA 8/20 µs
Max Discharge Current (Imax), Per Mode	40kA 8/20 µs

Catalog Number	SES40120/240
Voltage Protection Rating (VPR)	800 V @ 3 kA 1200 V @ 20 kA
Protection Modes	L-L L-N L-PE
Status Indication	LED
Technology	MOV with thermal disconnect
Lead Length	762mm
Lead Size	5.26 mm²
Ground Lead Length	900mm
Temperature	-40 to 80 °C
Enclosure Material	Metal
Enclosure Rating	IP 65 NEMA®-4
Mounting	3/4” straight nipple
Depth (D)	73mm
Height (H)	83 mm
Width (W)	83 mm
Unit Weight	0.7 kg
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 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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