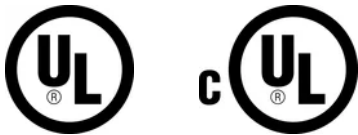


# Service Entrance Suppressor(DF), 360 kA



The nVent ERICO SES360 DF Series of Surge Protective Devices (SPD) is an enhanced version of our nVent ERICO SES360 DB Series. The robust SES360 DF Surge-Filter features a 360 kA per phase surge rating, increasing both survivability and overall life cycle. With the addition of a filter, bothersome high frequency transients on the power distribution system are attenuated, ultimately protecting sensitive equipment. The DF Series is a cUL 1449 Listed SPD for Type 2 locations. Typical applications for the nVent ERICO SES360 DF Series service entrances, distribution, branch panels, MCC, lighting panels, HVAC, A/V systems, IT equipment and more.

## CERTIFICATIONS



## FEATURES

Front-facing design simplifies installation and performance monitoring

360 kA 8/20  $\mu$ s maximum surge rating per phase

Up to 64 dB attenuation (10 kHz to 100 MHz)

Advanced monitoring includes Surge and TOV Counters with time and date stamping

Rotatable, full color graphics-based LCD utilizing a PIC Micro Controller

Repetitive impulse tested to 10,000 strikes per mode

Rotary Disconnect included, standard for safe servicing

10-year limited warranty

## SPECIFICATIONS

Table 1/5

Catalog Number	Nominal System Voltage (Un)	Max Continuous Operating Voltage (Uc)	Distribution System	Filtering	Frequency	Short Circuit Current Rating (SCCR)

SES360DF1202 40S	120/240 V	175/350 V	3PhΔ 3W+G	-64 dB from 10 kHz to 100 MHz	0 - 600 Hz	200kA
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Table 2/5

Catalog Number	Voltage Protection Rating (VPR), L-G	Voltage Protection Rating (VPR), L-L	Voltage Protection Rating (VPR), L-N	Voltage Protection Rating (VPR), N-G	Nominal Discharge Current (In), Per Mode	Max Discharge Current (Imax), Per Phase
SES360DF1202 40S	800V	1800V	800V	800V	20kA 8/20 μs	360kA 8/20 μs

Table 3/5

Catalog Number	Status Indication	Remote Contact Switching Capacity	Remote Contacts	Temperature	Enclosure Material	Enclosure Rating
SES360DF1202 40S	2 Tri Color LEDs per phase, Audible alarm with silence switch, Graphics-based LCD with Resettable Surge and TOV Counter with Time / Date Stamp	5.0 A @ 240 V	Yes	-35 to 75 °C	Metal	NEMA®-4, UL® 50E Type 4

Table 4/5

Catalog Number	Mounting	Depth	Height	Width	Certification Details	Complies With
SES360DF1202 40S	Flange Mount	335.026mm	426.466 mm	183.642 mm	UL® 1449 Edition 5 Type 2, 20 kA Mode, CSA C22.2 No. 269.1, UL® 1283 Edition 7	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C, ANSI®/IEEE® C62.41.1-2002 Cat A, Cat B, Cat C, ANSI®/IEEE® C62.45-2002 Cat A, Cat B, Cat C, UL® 96A and NEC® Article 285

Table 5/5

Catalog Number	Impulse Life	Unit Weight
SES360DF120240S	10,000 Impulses at 10 kA 8/20 µs	8.255 kg

## 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

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