

Service Entrance Suppressor(P), 40 kA DC



CERTIFICATIONS



FEATURES

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

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

Mounting bracket available for mounting within panel backplane

SPECIFICATIONS

Table 1/4

Catalog Number	Nominal System Voltage (Un)	Distribution System	Max Continuous Operating Voltage (Uc)	Short Circuit Current Rating (SCCR)	Nominal Discharge Current (In)	Max Discharge Current (Imax)
SES40P300DC	300 VDC	DC 2W+G	360 VDC	100kA	20kA 8/20 μ s	40kA 8/20 μ s

Table 2/4

Catalog Number	Voltage Protection Rating (VPR)	Voltage Protection Rating (VPR), DC+ - DC-	Voltage Protection Rating (VPR), PE - DC-	Voltage Protection Rating (VPR), PE - DC+	Status Indication	Technology
----------------	---------------------------------	--	---	---	-------------------	------------

SES40P300DC	1200 V @ 3 kA	2500V	1500V	1500V	Blue LED	MOV with thermal disconnect
-------------	---------------	-------	-------	-------	----------	-----------------------------

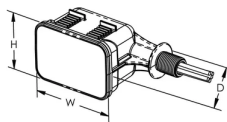
Table 3/4

Catalog Number	Lead Length	Lead Size	Temperature	Enclosure Material	Enclosure Rating	Mounting
SES40P300DC	762mm	3.31 mm ²	-40 to 80 °C	UL® 94V-0 Thermoplastic	NEMA®-4X	3/4" straight nipple

Table 4/4

Catalog Number	Unit Weight	Certification Details	Complies With	Depth (D)	Height (H)	Width (W)
SES40P300DC	0.25 kg	UL® 1449 Edition 5 for DC General Use	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C	76.2mm	69.85 mm	120.65 mm

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.

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:

+61 2 9751 8500



Our powerful portfolio of brands:

CADDY

ERICO

HOFFMAN

ILSCO

SCHROFF

TRACHTE