

Product Attribute	Service Entrance Suppressor(B), 160 kA, 120 V Un, 1Ph 2W+G Dist System	Service Entrance Suppressor(B), 160 kA, 120/208 V Un, 3Ph Y 4W+G Dist System	Service Entrance Suppressor(B), 160 kA, 240 V Un, 3Ph? 3W+G Dist System	Service Entrance Suppressor(B), 160 kA, 240 V Un, 1Ph 2W+G Dist System	Service Entrance Suppressor(B), 160 kA, 480 V Un, 3Ph? 3W+G Dist System	Service Entrance Suppressor(B), 160 kA, 277/480 V Un, 3Ph Y 4W+G Dist System	Service Entrance Suppressor(B), 160 kA, 120/240 V Un, 1Ph 3W+G Dist System
Short Circuit Current Rating (SCCR)	200 kA	200 kA	200 kA	200 kA	200 kA	200 kA	200 kA
Nominal Discharge Current (In), Per Mode	20 kA 8/20 μs	20 kA 8/20 μs	20 kA 8/20 μs	20 kA 8/20 μs	20 kA 8/20 μs	20 kA 8/20 μs	20 kA 8/20 μs
Max Discharge Current (Imax), Per Phase	160 kA 8/20 μs	160 kA 8/20 μs	160 kA 8/20 μs	160 kA 8/20 μs	160 kA 8/20 μs	160 kA 8/20 μs	160 kA 8/20 μs
Voltage Protection Rating (VPR), L-PE	700 V	700 V	900 V	1,000 V	1,500 V	1,000 V	700 V
Voltage Protection Rating (VPR), N-PE	600 V	500 V		1,000 V		1,000 V	600 V
Voltage Protection Rating (VPR), L-L		1,000 V	1,500 V		3,000 V	2,000 V	1,200 V
Voltage Protection Rating (VPR), L-N	700 V	600 V		1,200 V		1,200 V	700 V
Protection Modes	All modes protected	All modes protected	All modes protected	All modes protected	All modes protected	All modes protected	All modes protected
Status Indication	1 green LED per line Audible alarm	1 green LED per line Audible alarm	1 green LED per line Audible alarm	1 green LED per line Audible alarm	1 green LED per line Audible alarm	1 green LED per line Audible alarm	1 green LED per line Audible alarm
Remote Contact Switching Capacity	2.0 A @ 240 V	2.0 A @ 240 V	2.0 A @ 240 V	2.0 A @ 240 V	2.0 A @ 240 V	2.0 A @ 240 V	2.0 A @ 240 V
Remote Contacts	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lead Size	#12	#12	#12	#12	#12	#12	#12
Lead Length	18"	18"	18"	18"	18"	18"	18"
Temperature	-40 to 185 °F	-40 to 185 °F	-40 to 185 °F	-40 to 185 °F	-40 to 185 °F	-40 to 185 °F	-40 to 185 °F
Mounting	3/4" straight nipple	3/4" straight nipple	3/4" straight nipple	3/4" straight nipple	3/4" straight nipple	3/4" straight nipple	3/4" straight nipple
Unit Weight	1.160 lb	1.160 lb	1.160 lb	1.160 lb	1.160 lb	1.160 lb	1.160 lb

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Enclosure Rating	NEMA®-4X UL® 50E Type 4	NEMA®-4X UL® 50E Type 4	NEMA®-4X UL® 50E Type 4	NEMA®-4X UL® 50E Type 4	NEMA®-4X UL® 50E Type 4	NEMA®-4X UL® 50E Type 4	NEMA®-4X UL® 50E Type 4
Enclosure Material	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
Certification Details	CSA C22.2 No. 269.1 UL® 1449 Edition 5 Type 1/2, 20 kA Mode	CSA C22.2 No. 269.1 UL® 1449 Edition 5 Type 1/2, 20 kA Mode	CSA C22.2 No. 269.1 UL® 1449 Edition 5 Type 1/2, 20 kA Mode	CSA C22.2 No. 269.1 UL® 1449 Edition 5 Type 1/2, 20 kA Mode	CSA C22.2 No. 269.1 UL® 1449 Edition 5 Type 1/2, 20 kA Mode	CSA C22.2 No. 269.1 UL® 1449 Edition 5 Type 1/2, 20 kA Mode	CSA C22.2 No. 269.1 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® C62.41.1-2002 Cat A, Cat B, Cat C ANSI®/IEEE® C62.45-2002 Cat A, Cat B, Cat C	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	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	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	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	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	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
Depth	2.930"	2.930"	2.930"	2.930"	2.930"	2.930"	2.930"
Height	4.200"	4.200"	4.200"	4.200"	4.200"	4.200"	4.200"
Width	3 1/4"	3 1/4"	3 1/4"	3 1/4"	3 1/4"	3 1/4"	3 1/4"

ADDITIONAL PRODUCT DETAILS

The nVent ERICO SES160B Series of Surge Protective Devices (SPD) provide economical protection against damaging transients and surge currents. cUL® 1449 Listed SPD for Type 1 or Type 2 locations. Allows for installation on the line or load of the service panels, circuit breakers not required. With a 160 kA per phase surge rating, the SES160B is well suited for category C locations. Applications include service entrance, distribution, branch panels, MCC, lighting panels, HVAC, and more. With a NEMA® 4X enclosure rating this product series is also well suited for outdoor applications.

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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nVent reserves the right to change specifications without notice.