

Spark Gap Diverter



CERTIFICATIONS



FEATURES

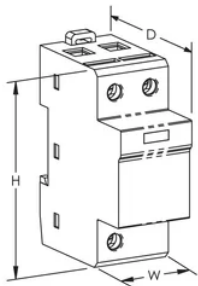
Effective equipotential bonding provides N-PE equalization protection bond on TT power distribution systems

SPECIFICATIONS

Catalog Number	SGD11002SNE
Max Continuous Operating Voltage (Uc)	255 VAC
Max Discharge Current (Imax), Per Mode	140kA 8/20 μ s
Voltage Protection Level (Up)	1200 V @ 20 kA 600 V @ 100 kA
Follow Current Extinguishing Capability @ Un	200kA
Impulse Current (Iimp)	100kA 10/350 μ s
Max Operating Current	0.5mA
Frequency	50 - 60 Hz
Protection Modes	N-PE
Short Circuit Current Rating (SCCR)	25kA

Catalog Number	SGD11002SNE
Technology	Encapsulated Spark Gap
Connection, Solid	35 mm ² Max
Connection, Solid	#2 max
Connection, Stranded	#3 max
Enclosure Material	UL® 94V-0 Thermoplastic
Enclosure Rating	IP 20 NEMA®-1
Mounting	35 mm top hat DIN rail
Temperature	-40 to 176 °F
Module Width	2 M
Depth (D)	2.68"
Height (H)	3.54"
Width (W)	1.42"
Unit Weight	0.66 lb
Complies With	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C ANSI®/IEEE® C62.41.2-2002 Scenario II, Exposure 3, 100 kA 8/20 µs, 10 kA 10/350 µs IEC® 61643-1 Class I, 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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