

## MODULAR SPARK GAP DIVERTER



### CERTIFICATIONS



### FEATURES

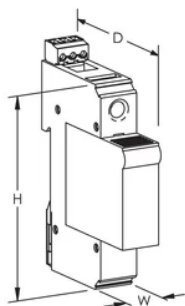
Effective equipotential bonding provides N-PE equalization protection bond on TT power distribution systems

### SPECIFICATIONS

Catalog Number	SGD1121SRNE
Nominal Discharge Current (In)	20kA 8/20 $\mu$ s
Max Discharge Current (Imax), Per Mode	40kA 8/20 $\mu$ s
Measured Limiting Voltage (MLV)	2460
Follow Current Extinguishing Capability @ Un	100A
Impulse Current (Iimp)	12kA 10/350 $\mu$ s
Max Operating Current	0.5mA
Frequency	50 - 60 Hz
Protection Modes	N-PE
Short Circuit Current Rating (SCCR)	25kA
Technology	Encapsulated Spark Gap
Connection, Solid	35 mm <sup>2</sup> Max
Connection, Stranded	25 mm <sup>2</sup> Max

Catalog Number	SGD1121SRNE
Mounting	35 mm top hat DIN rail
Enclosure Material	UL® 94V-0 Thermoplastic
Enclosure Rating	IP 20 NEMA®-1
Remote Contacts	Yes
Temperature	-40 to 80 °C
Module Width	1 M
Depth (D)	68mm
Height (H)	90 mm
Width (W)	18 mm
Unit Weight	0.12 kg
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
Replacement Module	SGD112M

## 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](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.

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