

## MODULAR SPARK GAP DIVERTER, 40 KA 8/20 MS MAX DISCHARGE CURRENT (IMAX), PER MODE

### CATALOG NUMBER

**SGD1121SRNE**



### CERTIFICATIONS



### FEATURES

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

### PRODUCT ATTRIBUTES

Nominal Discharge Current (In): 20 kA 8/20  $\mu$ s

Max Discharge Current (Imax), Per Mode: 40 kA 8/20  $\mu$ s

Measured Limiting Voltage (MLV): 2,460 VAC

Follow Current Extinguishing Capability @ Un: 100 A

Impulse Current (Iimp): 12 kA 10/350  $\mu$ s

Max Operating Current: 0.5 mA

Frequency: 50 – 60 Hz

Protection Modes: N-PE

Short Circuit Current Rating (SCCR): 25 kA

Technology: Encapsulated Spark Gap

Connection, Solid: #2 Max

Connection, Stranded: #3 Max

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 176 °F

Module Width: 1 M

Depth (D): 2.680"

Height (H): 3.540"

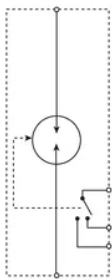
Width (W): 0.690"

Unit Weight: 0.260 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  $\mu$ s, 10 kA 10/350  $\mu$ s;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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