

TRIGGERED SPARK GAP, 240 VAC UN, 440 VAC, LED

CATALOG NUMBER

TSG11302S



FEATURES

Triggering air gap technology provides low let-through voltage, which offers superior protection compared to traditional spark gaps

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

Can be used L-PE or L-N due to follow current control

PRODUCT ATTRIBUTES

Nominal System Voltage (Un): 240 VAC

Voltage Protection Level (Up): 1,500 V @ 3 kA; 2,300 V @ 20 kA

Max Continuous Operating Voltage (Uc): 440 VAC

Max Discharge Current (Imax): 130 kA 8/20 μ s; 50 kA 10/350 μ s

Follow Current Extinguishing Capability @ Un: 43 kA

Impulse Current (Iimp): 50 kA 10/350 μ s

Max Operating Current: 2.2 mA

Protection Modes: Single

Technology: Triggered Spark Gap

Frequency: 50 – 60 Hz

Enclosure Rating: IP 20; NEMA®-1

Mounting: 35 mm top hat DIN rail

Enclosure Material: UL® 94V-0 Thermoplastic

Status Indication: LED for line connected modes

Temperature: -40 to 80 °C

Module Width: 2 M

Width (W): 36 mm

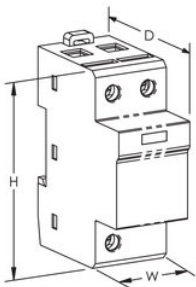
Height (H): 90 mm

Depth (D): 68 mm

Unit Weight: 0.300 kg

Complies With: IEC® 61643-1 Class I, Class II;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

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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