

POTENTIAL EQUALIZATION CLAMP, 350 V SPARK-OVER VOLTAGE @ 100 V/S

CATALOG NUMBER

PEC100



CERTIFICATIONS



FEATURES

High peak current capability provides long service life

Weatherproof enclosure is suitable for direct burial

The PEC100 is ATEX approved and suitable for use in potentially explosive atmospheres

PRODUCT ATTRIBUTES

Spark-Over Voltage @ 100 V/s: 350 V

Max Discharge Current (I_{max}): 100 kA 8/20 μs

Technology: Gas Discharge Tube (GDT)

Insulation Resistance: 1 GΩ Min

Capacitance: 15 pF Max

Voltage Protection Level (U_p): 800 V @ 1,000 V/μs

Impulse Current (I_{imp}): 25 kA 10/350 μs

Lead Length: 17"

Lead Size: #5

Enclosure Rating: IP 66;IP 67

Temperature: -22 to 158 °F

Diameter 1 (Ø1): 1.100"

Diameter 2 (Ø2): 0.640"

Length (L): 37 1/2"

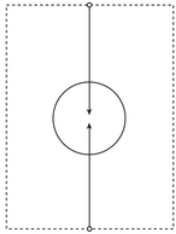
Unit Weight: 1.100 lb

Complies With: IEC® 61643-1 Class I, Class II; IEC® 62561-3

ADDITIONAL PRODUCT DETAILS

Spark-over voltage has a tolerance of +/- 20%.

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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