

SURGE DIVERTER, 15 KA THREE MODE, 220-240 V UN

CATALOG NUMBER

DSD1301BR275



CERTIFICATIONS



FEATURES

15kA 8/20 μ s surge rating per mode

Three modes of protection: L-N, L-PE and N-PE

Indication flags and voltage-free contacts provide remote status monitoring

PRODUCT ATTRIBUTES

Article Number: 702720

Nominal System Voltage (Un): 220 - 240 V

Max Continuous Operating Voltage (Uc): 275 VAC;350 VDC

Nominal Discharge Current (In), Per Mode: 8 kA 8/20 μ s

Max Discharge Current (Imax), Per Mode: 15 kA 8/20 μ s

Voltage Protection Level (Up), L-N @ In: 1500 V

Voltage Protection Level (Up), L/N-PE @ In: 800 V

Distribution System: TN-C;TN-C-S;TN-S

Frequency: 0 - 100 Hz

Protection Modes: L-N;N-PE;L-PE

Short Circuit Current Rating (SCCR): 25 kA

Technology: MOV with thermal disconnect

Connection, PE Solid: 35 mm² Max

Connection, PE Stranded: 25 mm² Max

Connection, Solid: 6 mm² Max

Connection, Stranded: 4 mm² Max

Mounting: 35 mm top hat DIN rail

Enclosure Material: UL® 94V-0 Thermoplastic

Enclosure Rating: IP 20;NEMA®-1

Status Indication: Mechanical flag

Terminal Torque: 2 N·m Max

Terminal Torque, Ground: 3.5 N·m Max

Remote Contacts: Yes

Temperature: -40 to 80 °C

Module Width: 1 M

Depth (D): 68 mm

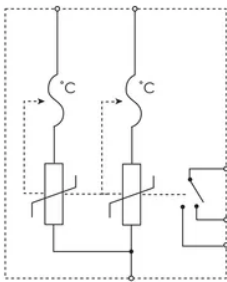
Height (H): 90 mm

Width (W): 18 mm

Unit Weight: 0.12 kg

Complies With: ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B;IEC® 61643-1 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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