

Surge Diverter, 100 kA Single Mode



CERTIFICATIONS



FEATURES

100 kA 8/20 μ s maximum surge rating provides protection suitable for smaller main-distribution panels and an extended operational life

Indication flag provides clear visual indication of life status

SPECIFICATIONS

Catalog Number	DSD11001S275
Article Number	702440
Nominal System Voltage (Un)	220 - 240 V
Max Continuous Operating Voltage (Uc)	275 VAC 350 VDC
Max Discharge Current (Imax)	100kA 8/20 μ s
Nominal Discharge Current (In)	40kA 8/20 μ s
Voltage Protection Level (Up)	850 V @ 3 kA 1600 V @ 40 kA
Voltage Protection Level (Up) @ In	1600V

Catalog Number	DSD11001S275
Impulse Current (Iimp)	12kA 10/350 µs
Distribution System	TN-C TN-C-S TN-S TT
Frequency	0 - 60 Hz
Protection Modes	Single
Short Circuit Current Rating (SCCR)	25kA
Technology	MOV with thermal disconnect
Connection, Solid	35 mm ² Max
Connection, Stranded	25 mm ² Max
Mounting	35 mm top hat DIN rail
Enclosure Material	UL® 94V-0 Thermoplastic
Enclosure Rating	IP 20 NEMA®-1
Remote Contacts	No
Status Indication	Mechanical flag
Terminal Torque	3.5 N·m Max
Module Width	1 M
Temperature	-40 to 80 °C
Depth (D)	68mm
Height (H)	90 mm
Width (W)	18 mm
Unit Weight	0.13 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

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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