

Surge Diverter, 40 kA Single Mode



CERTIFICATIONS



FEATURES

40kA 8/20 μ s maximum surge rating provides protection suitable for sub-distribution panels and a long operational life

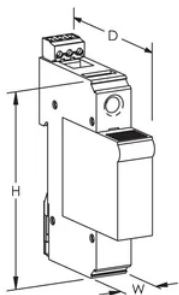
Indication flag provides clear visual indication of life status

SPECIFICATIONS

Catalog Number	DSD1401S440
Nominal System Voltage (Un)	380 V
Max Continuous Operating Voltage (Uc)	440 VAC 580 VDC
Nominal Discharge Current (In)	20kA 8/20 μ s
Max Discharge Current (Imax)	40kA 8/20 μ s
Voltage Protection Level (Up)	1400 V @ 3 kA 1750 V @ 5 kA 2200 V @ 20 kA
Back-Up Overcurrent Protection	125A

Catalog Number	DSD1401S440
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
Status Indication	Mechanical flag
Terminal Torque	3.5 N·m Max
Remote Contacts	No
Temperature	-40 to 80 °C
Module Width	1 M
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 1, 20 kA 8/20 µs, 2 kA 10/350 µs IEC® 61643-1 Class II
Replacement Module	DSD140M440

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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