

Surge Diverter, 150 kA Single Mode



CERTIFICATIONS



FEATURES

150kA 8/20 μ s surge rating provides protection suitable for main distribution panels and provides a long operational life

Indication flag provides clear visual indication of life status

Remote contacts provide remote status monitoring

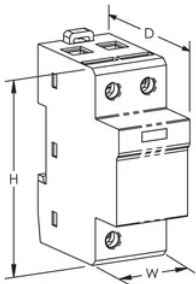
Simple combinations of the DSD and SGD series allow the protection of TT, TNC, TNC-S and IT systems

SPECIFICATIONS

Catalog Number	DSD11502SR275
Nominal System Voltage (Un)	220 - 240 V
Max Continuous Operating Voltage (Uc)	275 VAC 350 VDC
Nominal Discharge Current (In)	60kA 8/20 μ s
Max Discharge Current (Imax)	150kA 8/20 μ s
Voltage Protection Level (Up)	850 V @ 3 kA 1600 V @ 60 kA
Impulse Current (Iimp)	25kA 10/350 μ s

Catalog Number	DSD11502SR275
Frequency	0 - 60 Hz
Protection Modes	Single
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	Yes
Temperature	-40 to 80 °C
Module Width	2 M
Height (H)	90 mm
Width (W)	36 mm
Unit Weight	0.33 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
Depth (D)	68mm

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.

North America

+1.800.753.9221

Option 1 – Customer Care

Option 2 – Technical

Support

Europe

Netherlands:

+31 800-0200135

France:

+33 800 901 793

Europe

Germany:

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Other Countries:

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