

Surge Diverter, 24/48 DC



FEATURES

40 kA 8/20µs surge rating per mode, 80 kA per line, 120 kA total per pair

Suitable for exposed DC wiring

Indication flag provides clear visual indication of life status

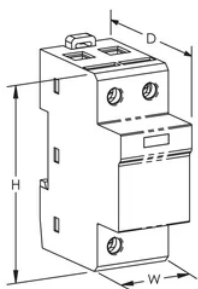
Suitable for both 24 VDC and 48 VDC distribution systems

SPECIFICATIONS

Catalog Number	DSD1402BR24/48
Article Number	702750
Nominal System Voltage (Un)	0 - 48 VDC
Max Continuous Operating Voltage (Uc)	60 VAC 60 VDC
Max Discharge Current (Imax), Per Mode	40kA 8/20 µs
Nominal Discharge Current (In)	20kA 8/20 µs
Voltage Protection Level (Up), + to - @ In	600V
Voltage Protection Level (Up), L-N	280 V @ 3 kA
Frequency	0 - 60 Hz
Protection Modes	Common Differential
Short Circuit Current Rating (SCCR)	25kA
Technology	MOV with thermal disconnect

Catalog Number	DSD1402BR24/48
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
Depth (D)	68mm
Height (H)	90 mm
Width (W)	36 mm
Unit Weight	0.15 kg
Complies With	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C ANSI®/IEEE® C62.41.2-2002 Scenario II, Exposure 2, 20 kA 8/20 µs, 2 kA 10/350 µs 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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