

# Surge Diverter, 12/24 DC



## CERTIFICATIONS



## FEATURES

Protects data transmission circuits or low voltage alarm circuits such as fire or security

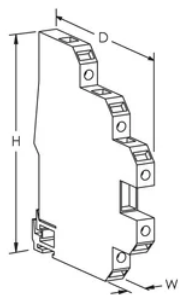
Bi-directional protection for two lines

## SPECIFICATIONS

| Catalog Number                        | DSD12                   | DSD24                   |
|---------------------------------------|-------------------------|-------------------------|
| Article Number                        | 702690                  | 702700                  |
| Nominal System Voltage (Un)           | 0 - 12 VDC              | 0 - 24 VDC              |
| Max Continuous Operating Voltage (Uc) | 15 VDC                  | 28 VDC                  |
| Max Discharge Current (Imax)          | 600A                    | 300A                    |
| Rated Load Current (IL)               | 10A                     | 10A                     |
| Frequency                             | 0 - 3 MHz               | 0 - 3 MHz               |
| Connection, Solid                     | 2.5 mm <sup>2</sup> Max | 2.5 mm <sup>2</sup> Max |
| Enclosure Material                    | UL® 94V-0 Thermoplastic | UL® 94V-0 Thermoplastic |
| Enclosure Rating                      | IP 20<br>NEMA®-1        | IP 20<br>NEMA®-1        |

| Catalog Number  | DSD12                  | DSD24                  |
|-----------------|------------------------|------------------------|
| Remote Contacts | No                     | No                     |
| Temperature     | -40 to 80 °C           | -40 to 80 °C           |
| Depth (D)       | 62mm                   | 62mm                   |
| Height (H)      | 68 mm                  | 68 mm                  |
| Width (W)       | 6 mm                   | 6 mm                   |
| Unit Weight     | 0.07 kg                | 0.07 kg                |
| Complies With   | IEC® 61643-1 Class III | IEC® 61643-1 Class III |

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](http://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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