

# TDS Replacement Module



## FEATURES

Replacement module for TDS Din Rail Series and TDX Modular Series

Max Discharge Current (Imax): 50kA 8/20  $\mu$ s



## SPECIFICATIONS

Table 1/1

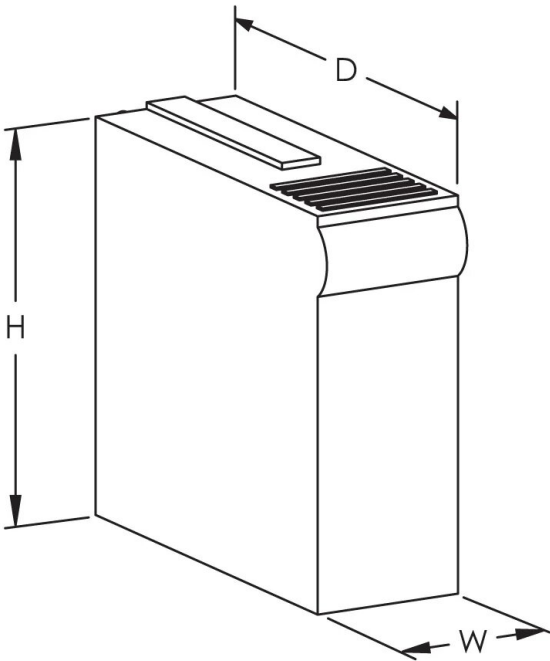
| Catalog Number                        | TDS150M560                      | TDS150M277                      | TDS150M240                     | TDS150M440                      | TDS150M150                     |
|---------------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|--------------------------------|
| Nominal System Voltage (Un)           | 480 - 560 VAC                   | 240 - 277 VAC                   | 220 - 240 VAC                  | 420 - 440 VAC                   | 120 - 150 VAC                  |
| Max Continuous Operating Voltage (Uc) | 610 VAC                         | 320 VAC                         | 275 VAC                        | 480 VAC                         | 170 VAC                        |
| Voltage Protection Rating (VPR)       | 1800 V @ 3 kA<br>2400 V @ 20 kA | 1000 V @ 3 kA<br>1600 V @ 20 kA | 900 V @ 3 kA<br>1200 V @ 20 kA | 1500 V @ 3 kA<br>2200 V @ 20 kA | 600 V @ 3 kA<br>1000 V @ 20 kA |
| Nominal Discharge Current (In)        | 20kA 8/20 $\mu$ s               | 20kA 8/20 $\mu$ s               | 20kA 8/20 $\mu$ s              | 20kA 8/20 $\mu$ s               | 20kA 8/20 $\mu$ s              |
| Frequency                             | 0 - 100 Hz                      | 0 - 100 Hz                      | 0 - 100 Hz                     | 0 - 100 Hz                      | 0 - 100 Hz                     |
| Enclosure Material                    | UL® 94V-0 Thermoplastic         | UL® 94V-0 Thermoplastic         | UL® 94V-0 Thermoplastic        | UL® 94V-0 Thermoplastic         | UL® 94V-0 Thermoplastic        |
| Temperature                           | -40 to 80 °C                    | -40 to 80 °C                    | -40 to 80 °C                   | -40 to 80 °C                    | -40 to 80 °C                   |
| Module Width                          | 1 M                             | 1 M                             | 1 M                            | 1 M                             | 1 M                            |

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|----------------|------------|------------|------------|------------|------------|
| Depth (D)      | 49mm       | 49mm       | 49mm       | 49mm       | 48mm       |
| Height (H)     | 45 mm      | 45 mm      | 45 mm      | 45 mm      | 45 mm      |
| Width (W)      | 18 mm      | 18 mm      | 18 mm      | 18 mm      | 18 mm      |
| Unit Weight    | 0.07 kg    | 0.07 kg    | 0.07 kg    | 0.07 kg    | 0.07 kg    |

ADDITIONAL PRODUCT DETAILS

Remove black pin when using with TDX modular units.

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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