

TDS Replacement Module



CERTIFICATIONS



FEATURES

Replacement module for TDS Din Rail Series and TDX Modular Series

SPECIFICATIONS

Max Discharge Current (Imax): 50kA 8/20 μ s

| 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 2400 V @ 20 kA | 1000 V @ 3 kA 1600 V @ 20 kA | 900 V @ 3 kA 1200 V @ 20 kA | 1500 V @ 3 kA 2200 V @ 20 kA | 600 V @ 3 kA 1000 V @ 20 kA |
| Nominal Discharge Current (In) | 20kA 8/20 μ s | 20kA 8/20 μ s | 20kA 8/20 μ s | 20kA 8/20 μ s | 20kA 8/20 μ s |
| Frequency | 0 - 100 Hz | 0 - 100 Hz | 0 - 100 Hz | 0 - 100 Hz | 0 - 100 Hz |

| Catalog Number | TDS150M560 | TDS150M277 | TDS150M240 | TDS150M440 | TDS150M150 |
|--------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| 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 |
| 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 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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