

TDS Replacement Module



CERTIFICATIONS



FEATURES

Replacement module for TDS Din Rail Series and TDX Modular Series

SPECIFICATIONS

Max Discharge Current (I_{max}): 50kA 8/20 µs

Catalog Number	TDS150M560	TDS150M277	TDS150M240	TDS150M440	TDS150M150
Nominal System Voltage (U _n)	480 - 560 VAC	240 - 277 VAC	220 - 240 VAC	420 - 440 VAC	120 - 150 VAC
Max Continuous Operating Voltage (U _c)	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 (I _n)	20kA 8/20 µs	20kA 8/20 µs	20kA 8/20 µs	20kA 8/20 µs	20kA 8/20 µs
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:

800 1890272

Other Countries:

+31 13 5835404

APAC

Shanghai:

+ 86 21 2412 1618/19

Sydney:

+61 2 9751 8500



Our powerful portfolio of brands:

CADDY

ERICO

HOFFMAN

ILSCO

SCHROFF

TRACHTE