

# Universal Transient Barrier, Modem/Telephone



## CERTIFICATIONS



## FEATURES

General purpose barrier provides protection of low-voltage circuits and transducers

Separate plug and base design allows hot swappable module replacement

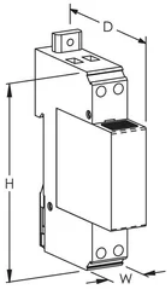
Multi-stage protection and fine over-voltage protection helps ensure lowest residual surge voltages reach sensitive equipment

## SPECIFICATIONS

Catalog Number	UTBSA	UTBTA
Article Number	702860	702850
Max Continuous Operating Voltage (Uc)	190 V	280 V
Rated Load Current (IL)	160mA	160mA
Frequency	15 MHz	15 MHz
Loop Resistance	1 Ω	1 Ω
Max Discharge Current (Imax), Per Mode	20kA 8/20 μs	0.5kA 8/20 μs

Catalog Number	UTBSA	UTBTA
Technology	Gas Discharge Tube (GDT) PTC	Gas Discharge Tube (GDT) PTC
Voltage Protection Level (Up), L-L	340 V @ 3 kA	480 V @ 3 kA
Connection, Stranded	1 - 4 mm <sup>2</sup>	1 - 4 mm <sup>2</sup>
Mounting	35 mm top hat DIN rail	35 mm top hat DIN rail
Temperature	-20 to 65 °C	-20 to 65 °C
Enclosure Material	UL® 94V-0 Thermoplastic	UL® 94V-0 Thermoplastic
Enclosure Rating	IP 20 NEMA®-1	IP 20 NEMA®-1
Depth (D)	68mm	68mm
Height (H)	90 mm	90 mm
Width (W)	18 mm	18 mm
Unit Weight	0.1 kg	0.1 kg
Certification Details		UL® 497A
Complies With	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C
Replacement Module	UTBSM	UTBTM

## 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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