

# 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

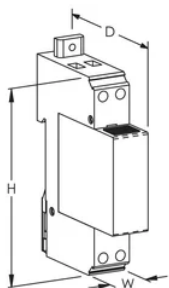
Multi-stage protection and fine over-voltage protection helps ensure lowest residual surge voltages reach sensitive equipment

## SPECIFICATIONS

Catalog Number	UTBTA
Article Number	702850
Max Continuous Operating Voltage (Uc)	280 V
Rated Load Current (IL)	160mA
Frequency	15 MHz
Loop Resistance	1 $\Omega$
Max Discharge Current (Imax), Per Mode	0.5kA 8/20 $\mu$ s
Technology	Gas Discharge Tube (GDT) PTC

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

#### 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**