

# Replacement Module for UTB, Dual Pair



## CERTIFICATIONS



## FEATURES

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

Common-mode and differential-mode protection protects against both possible surge conditions

Surge rating to 20 kA 8/20  $\mu$ s is ideal for exposed wiring

## SPECIFICATIONS

Table 1/2

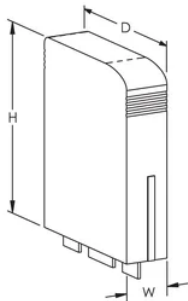
Catalog Number	UTB60DPM	UTB5DPM	UTB15DPM	UTB110DPM	UTB30DPM
Nominal System Voltage (Un)	21 - 42 VAC 30 - 60 VDC	0 - 3 VAC 0 - 5 VDC	3 - 10 VAC 5 - 15 VDC	100 - 120 VAC 60 - 154 VDC	10 - 21 VAC 15 - 30 VDC
Max Continuous Operating Voltage (Uc)	45 VAC 64 VDC	5 VAC 7 VDC	12 VAC 18 VDC	150 VAC 170 VDC	23 VAC 33 VDC
Rated Load Current (IL)	800mA	800mA	800mA	800mA	800mA
Frequency	3 MHz	0.5 MHz	1 MHz	3 MHz	2 MHz

Catalog Number	UTB60DPM	UTB5DPM	UTB15DPM	UTB110DPM	UTB30DPM
Loop Resistance	0.6 Ω	0.6 Ω	0.6 Ω	0.6 Ω	0.6 Ω
Max Discharge Current (Imax), L+L-PE	20kA 8/20 μs	20kA 8/20 μs	20kA 8/20 μs	20kA 8/20 μs	20kA 8/20 μs
Protection Modes	Common Differential	Common Differential	Common Differential	Common Differential	Common Differential
Technology	Gas Discharge Tube (GDT) Metal Oxide Varistor (MOV) Silicon Avalanche Diode (SAD)	Gas Discharge Tube (GDT) Metal Oxide Varistor (MOV) Silicon Avalanche Diode (SAD)	Gas Discharge Tube (GDT) Metal Oxide Varistor (MOV) Silicon Avalanche Diode (SAD)	Gas Discharge Tube (GDT) Metal Oxide Varistor (MOV) Silicon Avalanche Diode (SAD)	Gas Discharge Tube (GDT) Metal Oxide Varistor (MOV) Silicon Avalanche Diode (SAD)
Voltage Protection Level (Up), L-L	85 V @ 3 kA	10 V @ 3 kA	25 V @ 3 kA	220 V @ 3 kA	44 V @ 3 kA
Temperature	-20 to 65 °C	-20 to 65 °C	-20 to 65 °C	-20 to 65 °C	-20 to 65 °C
Enclosure Material	UL® 94V-0 Thermoplastic	UL® 94V-0 Thermoplastic	UL® 94V-0 Thermoplastic	UL® 94V-0 Thermoplastic	UL® 94V-0 Thermoplastic
Depth (D)	43mm	43mm	43mm	43mm	43mm
Height (H)	65 mm	65 mm	65 mm	65 mm	65 mm
Width (W)	12 mm	12 mm	12 mm	12 mm	12 mm
Unit Weight	0.02 kg	0.02 kg	0.02 kg	0.02 kg	0.02 kg

Table 2/2

Catalog Number	UTB60DPM	UTB5DPM	UTB15DPM	UTB110DPM	UTB30DPM
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	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C

## 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**