

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 μ s is ideal for exposed wiring

SPECIFICATIONS

Catalog Number	UTB60DPM	UTB5DPM	UTB15DPM	UTB110DPM	UTB30DPM
Article Number	702897	702893	702894	702898	702896
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 μ s	20kA 8/20 μ s	20kA 8/20 μ s	20kA 8/20 μ s	20kA 8/20 μ s
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 $^{\circ}$ C	-20 to 65 $^{\circ}$ C	-20 to 65 $^{\circ}$ C	-20 to 65 $^{\circ}$ C	-20 to 65 $^{\circ}$ 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
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 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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