

Universal Transient Barrier, Dual Pair

Power Utilities



CERTIFICATIONS



FEATURES

Compact design universal transient 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

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

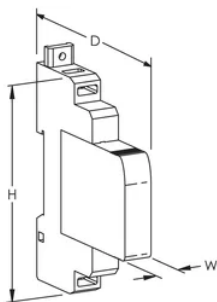
Allows for protection of 25 analog signals or 50 digital signals per linear foot (0,3 m) of DIN rail space

SPECIFICATIONS

Catalog Number	UTB30DP
Nominal System Voltage (Un)	10 - 21 VAC 15 - 30 VDC

Catalog Number	UTB30DP
Max Continuous Operating Voltage (Uc)	23 VAC 33 VDC
Rated Load Current (IL)	800 mA
Frequency	2 MHz
Loop Resistance	0.6 Ω
Max Discharge Current (Imax), L+L-PE	20 kA 8/20 μ s
Protection Modes	Common Differential
Technology	Gas Discharge Tube (GDT) Metal Oxide Varistor (MOV) Silicon Avalanche Diode (SAD)
Voltage Protection Level (Up), L-L	44 V @ 3 kA
Connection, Stranded	1 – 4 mm ²
Temperature	-20 to 65 °C
Enclosure Rating	IP 20 NEMA®-1
Height (H)	90 mm
Width (W)	12 mm
Unit Weight	0.090 kg
Certification Details	UL® 497B
Replacement Module	UTB30DPM

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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