

UNIVERSAL TRANSIENT BARRIER, DUAL PAIR



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

Table 1/4

Catalog Number	Article Number	Nominal System Voltage (Un)	Max Continuous Operating Voltage (Uc)	Loop Resistance	Max Discharge Current (Imax), L+L-PE	Rated Load Current (IL)
UTB30DP	702888	10 - 21 VAC, 15 - 30 VDC	23 VAC, 33 VDC	0.6 Ω	20 kA 8/20 μ s	800 mA

Table 2/4

Catalog Number	Article Number	Frequency	Technology	Voltage Protection Level (Up), L-L	Protection Modes	Temperature
UTB30DP	702888	2 MHz	Gas Discharge Tube (GDT), Metal Oxide Varistor (MOV), Silicon Avalanche Diode (SAD)	44 V @ 3 kA	Common, Differential	-20 to 65 °C

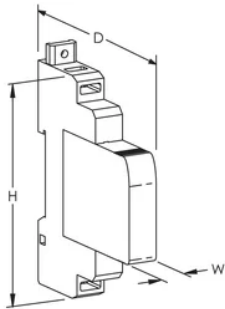
Table 3/4

Catalog Number	Article Number	Mounting	Connection, Stranded	Enclosure Rating	Height (H)	Width (W)
UTB30DP	702888	35 mm top hat DIN rail	1 – 4 mm ²	IP 20, NEMA®-1	90 mm	12 mm

Table 4/4

Catalog Number	Article Number	Unit Weight	Certification Details	Replacement Module
UTB30DP	702888	0.090 kg	UL® 497B	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.



Our powerful portfolio of brands:
nVent.com CADDY ERICO HOFFMAN RAYCHEM SCHROFF
TRACER