

Universal Transient Barrier, Dual Pair Single Power



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

Designed for compact protection of signal and power supply in one compact housing

SPECIFICATIONS

Catalog Number	UTB30DPS
Article Number	702892
Nominal System Voltage (Un)	24 - 48 VAC 12 - 60 VDC
Max Continuous Operating Voltage (Uc)	48 VAC 60 VDC

Catalog Number	UTB30DPS
Rated Load Current (IL)	5A
Frequency	0 - 60 Hz
Loop Resistance	0 Ω
Max Discharge Current (Imax), Per Mode	15kA 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	220 V @ 3 kA
Connection, Stranded	1 - 4 mm ²
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)	85mm
Height (H)	90 mm
Width (W)	12 mm
Unit Weight	0.09 kg
Certification Details	UL® 497B
Complies With	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C
Replacement Module	UTB30DPSM

ADDITIONAL PRODUCT DETAILS

The electrical specifications shown are specific to the power supply (PS) circuit of the product.

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.

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