

Universal Transient Barrier, Single Pair LED



CERTIFICATIONS



FEATURES

LED status indication and voltage-free contacts provide remote status monitoring

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

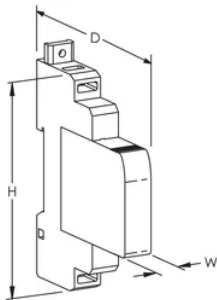
Catalog Number	UTB30SPLED
Nominal System Voltage (Un)	10 - 21 VAC 15 - 30 VDC
Max Continuous Operating Voltage (Uc)	23 VAC 33 VDC
Rated Load Current (IL)	2A
Frequency	2 Hz
Loop Resistance	1 Ω

Catalog Number	UTB30SPLED
Max Discharge Current (I _{max}), L+L-PE	20kA 8/20 μs
Protection Modes	Common Differential
Power Supply Voltage	24
Status Indication	LED
Status Indication Operating Voltage	18 - 42
Technology	Gas Discharge Tube (GDT) Metal Oxide Varistor (MOV) Silicon Avalanche Diode (SAD)
Voltage Protection Level (U _p), L-L	44 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	0.02 kg
Complies With	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C
Replacement Module	UTB30SPLEDM

ADDITIONAL PRODUCT DETAILS

Indicated power supply voltage is for LED status indication.

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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