

Universal Transient Barrier, Single Pair Isolated Ground



CERTIFICERINGER



FUNKTIONER

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

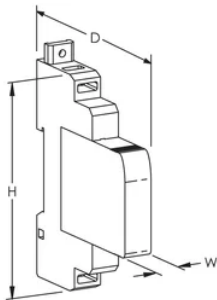
Allows for protection of 25 analog signals or 50 digital signals per linear foot (0,3 m) of DIN rail space

SPECIFIKATIONER

Katalognummer	UTB60SPG	UTB15SPG	UTB30SPG
Artikelnummer	702877	702874	702876
Nominal System Voltage (Un)	21 - 42 VAC 30 - 60 VDC	3 - 10 VAC 5 - 15 VDC	10 - 21 VAC 15 - 30 VDC

Katalognummer	UTB60SPG	UTB15SPG	UTB30SPG
Max Continuous Operating Voltage (Uc)	45 VAC 64 VDC	12 VAC 18 VDC	23 VAC 33 VDC
Rated Load Current (IL)	2A	2A	2A
Frequency	3 MHz	1 MHz	2 MHz
Loop Resistance	1 Ω	1 Ω	1 Ω
Max Discharge Current (Imax), L+L-PE	20kA 8/20 μ s	20kA 8/20 μ s	20kA 8/20 μ s
Protection Modes	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)
Voltage Protection Level (Up), L-L	85 V @ 3 kA	25 V @ 3 kA	44 V @ 3 kA
Connection, Stranded	1 - 4 mm ²	1 - 4 mm ²	1 - 4 mm ²
Mounting	35 mm top hat DIN rail	35 mm top hat DIN rail	35 mm top hat DIN rail
Temperature	-20 to 65 °C	-20 to 65 °C	-20 to 65 °C
Enclosure Material	UL® 94V-0 Thermoplastic	UL® 94V-0 Thermoplastic	UL® 94V-0 Thermoplastic
Enclosure Rating	IP 20 NEMA®-1	IP 20 NEMA®-1	IP 20 NEMA®-1
Dybde (D)	72mm	72mm	72mm
Height (H)	90 mm	90 mm	90 mm
Width (W)	12 mm	12 mm	12 mm
Unit Weight	0.07 kg	0.07 kg	0.07 kg
Certification Details	UL® 497B	UL® 497B	UL® 497B
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
Replacement Module	UTB60SPGM	UTB15SPGM	UTB30SPGM

DIAGRAMS



ADVARSEL

nVent-produkter skal kun installeres og anvendes som angivet i nVents produktvejledninger og træningsmaterialer. Vejledninger er tilgængelige på www.nvent.com og hos din nVent kundeservicerepræsentant. Forkert installation, misbrug, fejlanvendelse eller anden undladelse af fuldt ud at følge nVents instruktioner og advarsler kan medføre funktionsfejl, materielle skader, alvorlige personskader eller død og/eller ugyldiggøre din garanti.

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