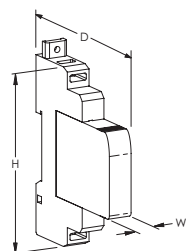


# Universal Transient Barrier, Single Pair Isolated Ground



- 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  $\mu$ 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



Part Number	UTB5SPG	UTB30SPG	UTB110SPG	UTB60SPG	UTB15SPG
Article Number	702873	702876	702878	702877	702874
Nominal System Voltage (Un)	0 - 3 VAC 0 - 5 VDC	10 - 21 VAC 15 - 30 VDC	100 - 120 VAC 60 - 154 VDC	21 - 42 VAC 30 - 60 VDC	3 - 10 VAC 5 - 15 VDC
Max Continuous Operating Voltage (Uc)	5 VAC 7 VDC	23 VAC 33 VDC	150 VAC 170 VDC	45 VAC 64 VDC	12 VAC 18 VDC
Rated Load Current (IL)	2 A				
Frequency	0.5 MHz	2.0 MHz	3.0 MHz		1.0 MHz
Loop Resistance	1 $\Omega$				
Max Discharge Current (Imax), L+L-PE	20 kA 8/20 $\mu$ s				
Protection Modes	Common Differential				
Technology	Gas Discharge Tube (GDT) Metal Oxide Varistor (MOV) Silicon Avalanche Diode (SAD)				
Voltage Protection Level (Up), L-L	10 V @ 3 kA	44 V @ 3 kA	220 V @ 3 kA	85 V @ 3 kA	25 V @ 3 kA
Connection, Stranded	1 - 4 mm <sup>2</sup>				
Mounting	35 mm top hat DIN rail				
Temperature	-20 to 65 °C				
Enclosure Material	UL <sup>®</sup> 94V-0 Thermoplastic				
Enclosure Rating	IP 20 NEMA <sup>®</sup> -1				
Depth [D]	72 mm				
Height [H]	90 mm				

Part Number	UTB5SPG	UTB30SPG	UTB110SPG	UTB60SPG	UTB15SPG
Width (W)	12 mm				
Unit Weight	0.07 kg				
Certification Details	UL® 497B				
Complies With	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C				
Replacement Module	UTB5SPGM	UTB30SPGM	UTB110SPGM	UTB60SPGM	UTB15SPGM

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**WARNING**

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