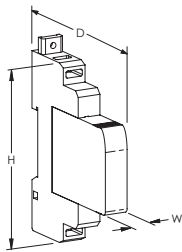


Universal Transient Barrier, Single Pair



- 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



Part Number	UTB55P	UTB155P	UTB30SP	UTB60SP	UTB110SP
Article Number	702861	702862	702863	702864	702866
Nominal System Voltage (Un)	0 - 3 VAC 0 - 5 VDC	3 - 10 VAC 5 - 15 VDC	10 - 21 VAC 15 - 30 VDC	21 - 42 VAC 30 - 60 VDC	100 - 120 VAC 60 - 154 VDC
Max Continuous Operating Voltage (Uc)	5 VAC 7 VDC	12 VAC 18 VDC	23 VAC 33 VDC	45 VAC 64 VDC	150 VAC 170 VDC
Rated Load Current (IL)	2 A				
Frequency	0.5 MHz	1.0 MHz	2.0 MHz	3.0 MHz	
Loop Resistance	1 Ω				
Max Discharge Current (Imax), L+L-PE	20 kA 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	10 V @ 3 kA	25 V @ 3 kA	44 V @ 3 kA	85 V @ 3 kA	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)	72 mm				
Height (H)	90 mm				

Part Number	UTB5SP	UTB15SP	UTB30SP	UTB60SP	UTB110SP
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	UTB5SPM	UTB15SPM	UTB30SPM	UTB60SPM	UTB110SPM
Certifications	CE NOM UR	CE UR	CE NOM UR	CE UR	CE NOM UR

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WARNING

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