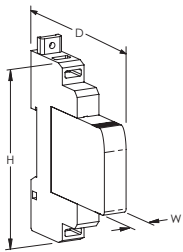


# Universal Transient Barrier, Dual Pair



- 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  $\mu$ 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	UTB5DP	UTB15DP	UTB30DP	UTB60DP	UTB110DP
Article Number	702886	702887	702888	702889	702891
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)	800 mA				
Frequency	0.5 MHz	1.0 MHz	2.0 MHz	3.0 MHz	
Loop Resistance	0.6 $\Omega$				
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	25 V @ 3 kA	44 V @ 3 kA	85 V @ 3 kA	220 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)	85 mm				
Height (H)	90 mm				

Part Number	UTB5DP	UTB15DP	UTB30DP	UTB60DP	UTB110DP
Width (W)	12 mm				
Unit Weight	0.09 kg				
Certification Details	UL <sup>®</sup> 497B				
Complies With	ANSI <sup>®</sup> /IEEE <sup>®</sup> C62.41.2-2002 Cat A, Cat B, Cat C				
Replacement Module	UTB5DPM	UTB15DPM	UTB30DPM	UTB60DPM	UTB110DPM
Certifications	CE NOM UR	CE UR			

ANSI is a registered trademark of American National Standards Institute. IEEE is a registered trademark of The Institute of Electrical and Electronics Engineers, Inc. NEMA is a registered service mark of National Electrical Manufacturers Association. UL, UR, cUL, cUR, cULus and cURus are registered certification marks of UL LLC.

**WARNING**

Pentair products shall be installed and used only as indicated in Pentair's product instruction sheets and training materials. Instruction sheets are available at [erico.pentair.com](http://erico.pentair.com) and from your Pentair customer service representative. Improper installation, misuse, misapplication or other failure to completely follow Pentair's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

© 2017 Pentair All rights reserved

Pentair, CADDY, CADWELD, CRITEC, ERICO, ERIFLEX, ERITECH and LENTON are owned by Pentair or its global affiliates.

All other trademarks are the property of their respective owners. Pentair reserves the right to change specifications without prior notice.