

REPLACEMENT MODULE FOR UTB, INTRINSIC SAFE



CERTIFICATIONS



FEATURES

Multi-stage protection and fine over-voltage protection helps ensure lowest residual surge voltages reach sensitive equipment

Surge rating to 20 kA 8/20 μ s is ideal for exposed wiring

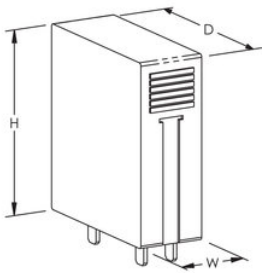
For use in intrinsically safe areas

SPECIFICATIONS

Product Attribute	SKU	SKU
Catalog Number	UTB15MEX	UTB30MEX
Nominal System Voltage (Un)	3 - 10 VAC 5 - 15 VDC	10 - 21 VAC 15 - 30 VDC
Max Continuous Operating Voltage (Uc)	12 VAC 17 VDC	23 VAC 33 VDC
Rated Load Current (IL)	400 mA	80 mA
Frequency	1 MHz	2 MHz
Loop Resistance	1 Ω	1 Ω
Max Discharge Current (Imax), Per Mode	20 kA 8/20 μ s	20 kA 8/20 μ s
Protection Modes	Common Differential	Common Differential
Technology	Gas Discharge Tube (GDT) Silicon Avalanche Diode (SAD)	Gas Discharge Tube (GDT) Silicon Avalanche Diode (SAD)
Voltage Protection Level (Up), L-L	25 V @ 3 kA	44 V @ 3 kA

Product Attribute	SKU	SKU
Temperature	-4 to 149 °F	-4 to 149 °F
Enclosure Material	UL® 94V-0 Thermoplastic	UL® 94V-0 Thermoplastic
Depth(D)	1.920"	1.920"
Height(H)	1.780"	1.780"
Width(W)	0.700"	0.700"
Unit Weight	0.050 lb	0.050 lb
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

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.

North America

+1.800.753.9221

Option 1 – Customer Care

Option 2 – Technical Support

Europe

Netherlands:

+31 800-0200135

France:

+33 800 901 793

Europe

Germany:

800 1890272

Other Countries:

+31 13 5835404

APAC

Shanghai:

+ 86 21 2412 1618/19

Sydney:

+61 2 9751 8500



Our powerful portfolio of brands:

nVent.com CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER

© 2022 nVent. All nVent marks and logos are owned or licensed by nVent Services GmbH or its affiliates. All other trademarks are the property of their respective owners.

nVent reserves the right to change specifications without notice.