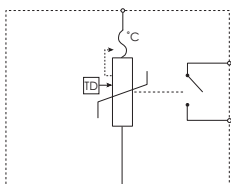
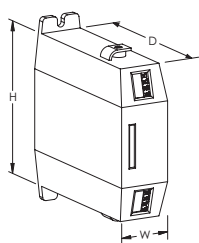


Transient Discriminating MOVTEC – TDSMT480



- Transient Discriminating (TD) Technology provides increased service life
- Built-in features include TD Technology, thermal protection and short circuit current fusing
- LED status indication and voltage-free contacts provide remote status monitoring
- 100 kA 8/20 μ s maximum surge rating provides protection suitable for smaller main-distribution panels and an extended operational life



Part Number	TDSMT480
Nominal System Voltage (Un)	480 V
Nominal Discharge Current (In), Per Mode	80 kA 8/20 μ s
Frequency	50 – 60 Hz
Connection, Stranded	#6 Max
Impulse Current (Iimp)	20 kA 10/350 μ s
Max Discharge Current (Imax), Per Mode	100 kA 8/20 μ s
Voltage Protection Rating (VPR)	1,050 V @ 3 kA 1,300 V @ 20 kA
Aggregate Surge Rating	200 kA 8/20 μ s
Back-Up Overcurrent Protection	100 A
Max Operating Current	25 mA
Protection Modes	Single
Status Indication	5 segment LED bar graph per phase
Technology	TD technology with thermal disconnect
Temperature	-31 to 131 °F
Enclosure Material	UL® 94V-0 Thermoplastic
Enclosure Rating	IP 20 NEMA®-1
Depth (D)	5.51"
Height (H)	5.91"
Width (W)	1.77"
Unit Weight	1.32 lb
Complies With	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C

Part Number	TDSMT480
	ANSI®/IEEE® C62.41.2-2002 Scenario II, Exposure 3, 100 kA 8/20 µs, 10 kA 10/350 µs
Certifications	C-Tick
Standard Packaging Quantity	1 pc
UPC	78285647513

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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.erico.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.

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