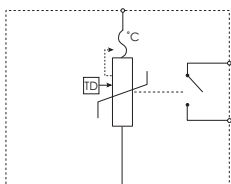
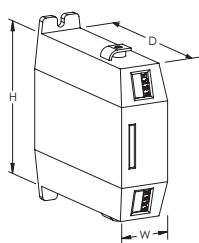


# Transient Discriminating MOVTEC – TDSMT120 (700725)



- 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  $\mu$ s maximum surge rating provides protection suitable for smaller main-distribution panels and an extended operational life



Part Number	TDSMT120
Article Number	700725
Nominal System Voltage (Un)	110 - 120 V
Nominal Discharge Current (In), Per Mode	80 kA 8/20 $\mu$ s
Max Continuous Operating Voltage (Uc)	170 VAC
Stand-off Voltage	240 V
Frequency	50 - 60 Hz
Connection, Stranded	16 mm <sup>2</sup> Max
Impulse Current (Iimp)	20 kA 10/350 $\mu$ s
Max Discharge Current (Imax), Per Mode	100 kA 8/20 $\mu$ s
Voltage Protection Rating (VPR)	400.0 V @ 3 kA 760.0 V @ 20 kA
Aggregate Surge Rating	200 kA 8/20 $\mu$ 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	-35 to 55 °C
Enclosure Material	UL® 94V-0 Thermoplastic
Enclosure Rating	IP 20 NEMA®-1
Depth [D]	140 mm
Height [H]	150 mm

Part Number	TDSMT120
Width (W)	45 mm
Unit Weight	0.6 kg
Certification Details	UL® 1449 Edition 3 Recognized Component Type 2
Complies With	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C ANSI®/IEEE® C62.41.2-2002 Scenario II, Exposure 3, 100 kA 8/20 µs, 10 kA 10/350 µs
Certifications	C-Tick cURus Qualifoudre
Standard Packaging Quantity	1 pc
UPC	78285644096
EAN-13	8711893024616

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#### WARNING

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