

Transient Discriminating MOVTEC



CERTIFICATIONS



VLASTNOSTI

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

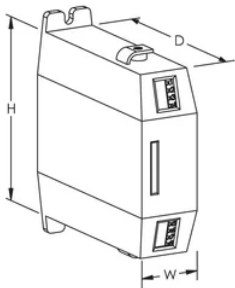
100 kA 8/20 μ s maximum surge rating provides protection suitable for smaller main-distribution panels and an extended operational life

SPECIFIKACE

Katalogové číslo	TDSMT120	TDSMT277
Article Number	700725	700230
Nominal System Voltage (Un)	110 - 120 V	230 - 277 V
Nominal Discharge Current (In), Per Mode	80kA 8/20 μ s	80kA 8/20 μ s
Max Continuous Operating Voltage (Uc)	170 VAC	400 VAC
Stand-off Voltage	240 V	480 V
Frequency	50 - 60 Hz	50 - 60 Hz

Katalogové číslo	TDSMT120	TDSMT277
Connection, Stranded	16 mm ² Max	16 mm ² Max
Impulse Current (Iimp)	20kA 10/350 µs	20kA 10/350 µs
Max Discharge Current (Imax), Per Mode	100kA 8/20 µs	100kA 8/20 µs
Voltage Protection Rating (VPR)	400 V @ 3 kA 760 V @ 20 kA	700 V @ 3 kA 980 V @ 20 kA
Aggregate Surge Rating	200	200
Back-Up Overcurrent Protection	100A	100A
Max Operating Current	25mA	25mA
Protection Modes	Single	Single
Status Indication	5 segment LED bar graph per phase	5 segment LED bar graph per phase
Technology	TD technology with thermal disconnect	TD technology with thermal disconnect
Temperature	-35 to 55 °C	-35 to 55 °C
Enclosure Material	UL® 94V-0 Thermoplastic	UL® 94V-0 Thermoplastic
Enclosure Rating	IP 20 NEMA®-1	IP 20 NEMA®-1
Hloubka (D)	140mm	140mm
Height (H)	150 mm	150 mm
Width (W)	45 mm	45 mm
Unit Weight	0.6 kg	0.6 kg
Certification Details	UL® 1449 Edition 3 Recognized Component Type 2	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	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

DIAGRAMS



UPOZORNĚNÍ

Produkty nVent musí být instalovány a používány pouze tak, jak je uvedeno v instrukčních listech a materiálech pro školení nVent. Instrukční listy jsou k dispozici na www.nvent.com a od vašeho zástupce zákaznického servisu nVent. Nesprávná instalace, zneužití, nesprávné použití nebo jiný nedostatek úplného dodržování pokynů a varování nVent může způsobit selhání produktu, poškození majetku, vážné zranění osob a smrt a/nebo zrušit vaši záruku.

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