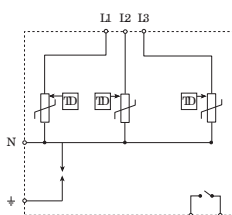


Service Entrance Suppressor with Triggered Spark Gap, 200 kA – TDSMPM277 (700250)



- Primary protection suitable for high exposure sites and point-of-entry facility protection
- Modular design allows easy replacement of surge modules
- Five segment electronic status indication displays percentage of capacity remaining
- Lug connection allows Kelvin (in and out) connection of large cables
- Transient Discriminating (TD) Technology provides increased service life



Part Number	TDSMPM277
Article Number	700250
Nominal System Voltage (Un)	240/415 V 277/480 V
Distribution System	3Ph Y 4W+G
Max Continuous Operating Voltage (Uc)	400/692 VAC
Stand-off Voltage, L-N	480/831 V
Stand-off Voltage, N-PE	440 V
Frequency	50 – 60 Hz
Nominal Discharge Current (In), Per Mode	80 kA 8/20 μ s
Max Discharge Current (Imax)	100 kA 8/20 μ s L-N 130 kA 8/20 μ s N-PE
Impulse Current (Iimp)	20 kA 10/350 μ s L-N 50 kA 10/350 μ s L-PE
Aggregate Surge Rating	200 kA 8/20 μ s L-N
Back-Up Overcurrent Protection	100 A
Max Operating Current	25 mA
Protection Modes	All modes protected
Status Indication	5 segment LED bar graph per phase
System Compatibility	TN-C TN-C-S TN-S TT
Technology, L-N	TD MOV/Silicon
Technology, N-PE	Triggered Spark Gap
Voltage Protection Level (Up)	750 V @ 3 kA L-N 1,500 V @ 3 kA N-PE 980 V @ 20 kA L-N

Part Number	TDSMPM277
	2.300 V @ 20 kA N-PE
Lead Size	16 mm ² Max
Temperature	-35 to 55 °C
Enclosure Material	Metal
Enclosure Rating	IP 33 NEMA®-3R
Mounting	Wall mount
Unit Weight	5 kg
Complies With	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C
Depth	170 mm
Height	306 mm
Width	241 mm
Standard Packaging Quantity	1 pc
UPC	78285644100
EAN-13	8711893097078

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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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