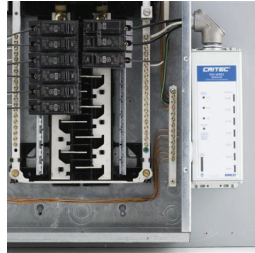
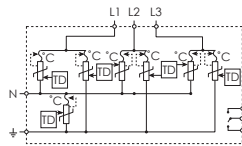
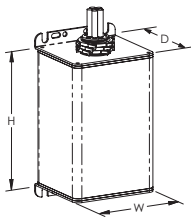


Modular TDX Panel Protector, 100 kA – TDX100M277/480TT



- Transient Discriminating (TD) Technology provides increased service life
- Modular design allows easy replacement of surge modules
- Built-in features include TD Technology, thermal protection and short circuit current fusing
- Compact NEMA[®] -4 enclosure design can be flush mounted or installed in a small space
- Status indication flag per mode, voltage presence LEDs, audible alarm and voltage-free contacts providing remote status monitoring
- 100 kA 8/20 μ s maximum surge rating provides protection suitable for main-distribution panels and an extended operational life



Part Number	TDX100M277/480TT
Nominal System Voltage (Un)	277/480 V
Distribution System	3Ph 4W+G
Max Continuous Operating Voltage (Uc)	320/550 VAC
Stand-off Voltage	480/831 VAC
Frequency	50 – 60 Hz
Protection Modes	L-N L-PE N-PE
Short Circuit Current Rating (SCCR)	200 kA
Nominal Discharge Current (In)	40 kA 8/20 μ s
Max Discharge Current (Imax), Per Phase	100 kA 8/20 μ s
Impulse Current (Iimp), Per Mode	12.5 kA 10/350 μ s 25.0 kA 10/350 μ s N-PE
Voltage Protection Rating (VPR), L-N	1,200 V @ 3 kA 1,800 V @ 20 kA
Status Indication	LED Mechanical flag Audible alarm
Surge Counter	No
Technology	TD technology with thermal disconnect Over-current replaceable cartridge fusing
Remote Contacts	Yes
Lead Length	762 mm

Part Number	TDX100M277/480TT
Lead Size	5.26 mm ²
Ground Lead Length	914 mm
Temperature	-40 to 80 °C
Enclosure Material	Metal
Enclosure Rating	IP 65 NEMA®-4
Mounting	3/4" straight nipple
Depth (D)	78 mm
Height (H)	240 mm
Width (W)	84 mm
Unit Weight	1.41 kg
Certification Details	UL 1449 Edition 3 Type 1/2, 20 kA Mode
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 IEC® 61643-1 Class I, Class II
Replacement Module	TDS150M277 SGD125M
Certifications	CE C-Tick UL
Standard Packaging Quantity	1 pc
UPC	78285659382
EAN-13	8711893097030

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WARNING

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