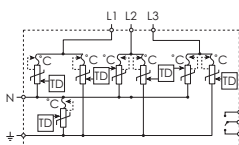
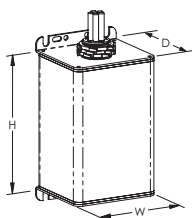


Compact TDX Panel Protector, 100 kA – TDX100C277480



- 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
- LED status indication and voltage-free contacts provide 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	TDX100C277480
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
Short Circuit Current Rating (SCCR)	200 kA
Nominal Discharge Current (In), IEC	40 kA 8/20 μ s
Nominal Discharge Current (In), UL	20 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
Voltage Protection Rating (VPR), L-N	1,200 V @ 3 kA 1,800 V @ 20 kA
Protection Modes	L-N L-PE N-PE
Remote Contacts	Yes
Status Indication	LED
Surge Counter	No
Technology	Over-current fusing TD technology with thermal disconnect
Lead Size	5.26 mm ²
Lead Length	762 mm
Ground Lead Length	914 mm
Temperature	-40 to 80 °C

Part Number	TDX100C277480
Enclosure Material	Metal
Enclosure Rating	IP 65 NEMA®-4
Mounting	3/4" straight nipple
Depth (D)	78 mm
Height (H)	153 mm
Width (W)	84 mm
Unit Weight	0.8 kg
Certification Details	UL® 1449 Edition 4 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 1, 20 kA 8/20 µs, 2 kA 10/350 µs
Certifications	CE C-Tick UL
Standard Packaging Quantity	1 pc
UPC	78285659322
EAN-13	8711893108798

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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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