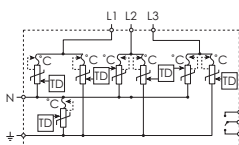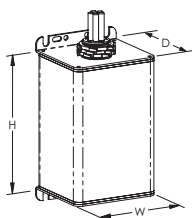# Compact TDX Panel Protector, 100 kA – TDX100C277480

- 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 µs 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 µs
Nominal Discharge Current (In), UL	20 kA 8/20 µs
Max Discharge Current (Imax), Per Phase	100 kA 8/20 µs
Impulse Current (Iimp), Per Mode	12.5 kA 10/350 µs
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 mm²
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