

Compact TDX Panel Protector, 100 kA

TDX100C277480



Features

- 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 smaller main-distribution panels and an extended operational life



Product Specifications

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)	40 kA 8/20 μ s
Max Discharge Current (Imax), Per Phase	100 kA 8/20 μ s
Impulse Current (Iimp), Per Mode	12 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	#10
Lead Length	30"
Ground Lead Length	36"
Temperature	-40 to 176 °F
Enclosure Material	Metal
Enclosure Rating	IP 65, NEMA®-4
Mounting	3/4" straight nipple
Depth (D)	3.07"
Height (H)	6.02"
Width (W)	3.31"
Unit Weight	1.76 lb
Listing 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 1, 20 kA 8/20 μ s, 2 kA 10/350 μ s
Standard Packaging Quantity	1 pc
UPC	78285659322
UNSPSC	39121610
ETIM	EC000941

