

Modular TDX Panel Protector, 100 kA

TDX100M120208



Features

- 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 smaller main-distribution panels and an extended operational life



Product Specifications

Part Number	TDX100M120208
Nominal System Voltage (Un)	120/208 V
Distribution System	3Ph 4W+G
Max Continuous Operating Voltage (Uc)	170/276 VAC
Stand-off Voltage	240/415 VAC
Frequency	50 – 60 Hz
Protection Modes	L-N, L-PE, N-PE
Short Circuit Current Rating (SCCR)	200 kA
Nominal Discharge Current (In)	50 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	600 V @ 3 kA, 1,200 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	30"
Lead Size	#10
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)	9.45"
Width (W)	3.31"
Unit Weight	3.1 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 3, 100 kA 8/20 μ s, 10 kA 10/350 μ s, IEC® 61643-1 Class I, Class II

Replacement Module	TDS150M150
Standard Packaging Quantity	1 pc
UPC	78285659325
UNSPSC	39121610
ETIM	EC000941
Approvals	UL®

