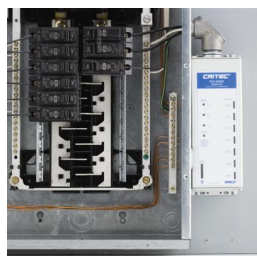
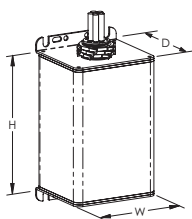


# Modular TDX Panel Protector, 100 kA – TDX100M480D



- 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  $\mu$ s maximum surge rating provides protection suitable for main-distribution panels and an extended operational life



Part Number	TDX100M480D
Service Configuration	Delta
Nominal System Voltage (Un)	480 V
Distribution System	3Ph $\Delta$ 3W+G
Max Continuous Operating Voltage (Uc)	550 VAC
Stand-off Voltage	790 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 $\mu$ s
Max Discharge Current (Imax), Per Phase	100 kA 8/20 $\mu$ s
Impulse Current (Iimp), Per Mode	12.5 kA 10/350 $\mu$ s
Voltage Protection Rating (VPR), L-L	1,800 V @ 3 kA 2,600 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

Part Number	TDX100M480D
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
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	TDS150M560
Certifications	CE C-Tick
Standard Packaging Quantity	1 pc
UPC	78285659332

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