

Modular TDX Panel Protector, 100 kA with Surge Counter – TDX100S120240



- 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



Part Number	TDX100S120240
Nominal System Voltage (Un)	120/240 V
Distribution System	1Ph 3W+G
Max Continuous Operating Voltage (Uc)	170/276 VAC
Stand-off Voltage	240/480 VAC
Frequency	50 – 60 Hz
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
Protection Modes	L-N L-PE N-PE
Status Indication	LED Mechanical flag Audible alarm
Surge Counter	Yes
Technology	TD technology with thermal disconnect Over-current replaceable cartridge fusing
Remote Contacts	Yes
Lead Length	30" 762 mm
Lead Size	#10 5.26 mm ²
Ground Lead Length	36" 914 mm
Temperature	-40 to 80 °C -40 to 176 °F
Enclosure Material	Metal
Enclosure Rating	IP 65 NEMA®-4
Mounting	3/4" straight nipple



Part Number	TDX100S120240
Depth (D)	3.07" 78 mm
Height (H)	9.45" 240 mm
Width (W)	3.31" 84 mm
Unit Weight	3.1 lb 1.41 kg
Certification Details	UL® 1449 Edition 3 Type 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	TDS150M150
Standard Packaging Quantity	1 pc
UPC	78285659399
UNSPSC	39121610
ETIM	EC000941
Certifications	CE C-Tick

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WARNING

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