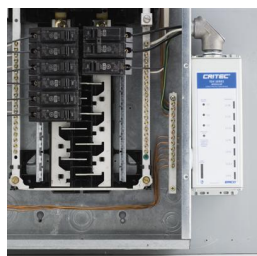
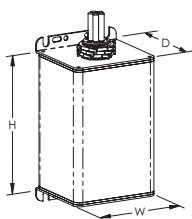


Modular TDX Panel Protector, 100 kA – TDX100M240D



- 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 main-distribution panels and an extended operational life



Part Number	TDX100M240D
Service Configuration	Delta
Nominal System Voltage (Un)	240 VAC
Distribution System	3Ph Δ 3W+G
Max Continuous Operating Voltage (Uc)	276 VAC
Stand-off Voltage	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)	40 kA 8/20 μ s
Max Discharge Current (Imax), Per Phase	100 kA 8/20 μ s
Impulse Current (Iimp), Per Mode	12.5 kA 10/350 μ s
Voltage Protection Rating (VPR), L-L	1,000 V @ 3 kA 1,800 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	TDX100M240D
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	TDS150M240
Certifications	CE C-Tick
Standard Packaging Quantity	1 pc
UPC	78285659330

ANSI is a registered trademark of American National Standards Institute. IEC is a registered trademark of the International Electrotechnical Commission. IEEE is a registered trademark of The Institute of Electrical and Electronics Engineers, Inc. NEMA is a registered service mark of National Electrical Manufacturers Association. UL, UR, cUL, cUR, cULus and cURus are registered certification marks of UL LLC.

WARNING

Pentair products shall be installed and used only as indicated in Pentair's product instruction sheets and training materials. Instruction sheets are available at erico.pentair.com and from your Pentair customer service representative. Improper installation, misuse, misapplication or other failure to completely follow Pentair's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

© 2017 Pentair. All rights reserved.

Pentair, CADDY, CADWELD, CRITEC, ERICO, ERIFLEX, ERITECH and LENTON are owned by Pentair or its global affiliates.

All other trademarks are the property of their respective owners. Pentair reserves the right to change specifications without prior notice.