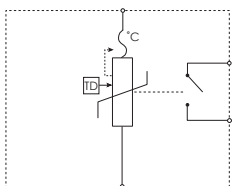
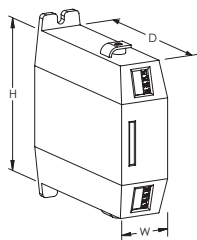


Transient Discriminating MOVTEC – TDSMT277 (700230)



- Transient Discriminating (TD) Technology provides increased service life
- Built-in features include TD Technology, thermal protection and short circuit current fusing
- 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



Part Number	TDSMT277
Article Number	700230
Nominal System Voltage (Un)	230 - 277 V
Nominal Discharge Current (In), Per Mode	80 kA 8/20 μ s
Max Continuous Operating Voltage (Uc)	400 VAC
Stand-off Voltage	480 V
Frequency	50 – 60 Hz
Connection, Stranded	16 mm ² Max
Impulse Current (Iimp)	20 kA 10/350 μ s
Max Discharge Current (Imax), Per Mode	100 kA 8/20 μ s
Voltage Protection Rating (VPR)	700.0 V @ 3 kA 980.0 V @ 20 kA
Aggregate Surge Rating	200 kA 8/20 μ s
Back-Up Overcurrent Protection	100 A
Max Operating Current	25 mA
Protection Modes	Single
Status Indication	5 segment LED bar graph per phase
Technology	TD technology with thermal disconnect
Temperature	-35 to 55 °C
Enclosure Material	UL* 94V-0 Thermoplastic
Enclosure Rating	IP 20 NEMA®-1
Depth (D)	140 mm
Height (H)	150 mm

Part Number	TDSMT277
Width (W)	45 mm
Unit Weight	0.6 kg
Certification Details	UL [®] 1449 Edition 3 Recognized Component Type 2
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
Certifications	C-Tick cURus
Standard Packaging Quantity	1 pc
UPC	78285644097
EAN-13	9321098000590

ANSI is a registered trademark of American National Standards Institute. 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.