

Transient Discriminating MOVTEC, 230-277 V Un

CATALOG NUMBER

TDSMTU277



FEATURES

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

PRODUCT ATTRIBUTES

Article Number: 700240

Nominal System Voltage (Un): 230 - 277 V

Max Continuous Operating Voltage (Uc): 400 VAC

Stand-off Voltage: 480 V

Frequency: 50 - 60 Hz

Connection, Stranded: 16 mm² Max

Impulse Current (Iimp): 20kA 10/350 μ s

Max Discharge Current (Imax), Per Mode, L-N: 40kA 8/20 μ s

Back-Up Overcurrent Protection: 100A

Max Operating Current: 25 mA

Protection Modes: L-PE;L-N;N-PE

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): 140mm

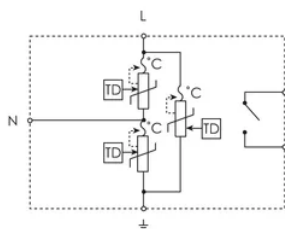
Height (H): 150 mm

Width (W): 45 mm

Unit Weight: 0.6 kg

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

DIAGRAMS



WARNING

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

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