

## COMPACT TDX PANEL PROTECTOR, 200 KA, 277/480 V UN

### CATALOG NUMBER

**TDX200C277/480**



### CERTIFICATIONS



### FEATURES

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

LED status indication and voltage-free contacts provide remote status monitoring

200 kA 8/20  $\mu$ s maximum surge rating provides protection suitable for main-distribution panels and an extended operational life

### PRODUCT ATTRIBUTES

Nominal System Voltage (Un): 277/480 V

Distribution System: 3Ph 4W+G

Max Continuous Operating Voltage (Uc): 320/550 VAC

Stand-off Voltage: 480/831 V

Frequency: 50 - 60 Hz

Short Circuit Current Rating (SCCR): 200kA

Nominal Discharge Current (In), IEC: 40kA 8/20  $\mu$ s

Nominal Discharge Current (In), UL: 20kA 8/20  $\mu$ s

Max Discharge Current (Imax), Per Phase: 200kA 8/20  $\mu$ s

Impulse Current (Iimp), Per Mode: 25kA 10/350  $\mu$ s

Voltage Protection Rating (VPR), L-N: 1200 V @ 3 kA

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

Remote Contacts: Yes

Status Indication: LED

Surge Counter: No

Technology: Over-current fusing;TD technology with thermal disconnect

Lead Size: 5.26 mm<sup>2</sup>

Lead Length: 762mm

Ground Lead Length: 914mm

Temperature: -40 to 80 °C

Enclosure Material: Metal

Enclosure Rating: NEMA®-4

Mounting: 3/4" straight nipple

Depth (D): 78mm

Height (H): 279 mm

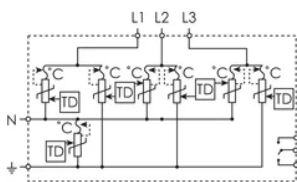
Width (W): 84 mm

Unit Weight: 2.04 kg

Certification Details: UL® 1449 Edition 5 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 1, 20 kA 8/20  $\mu$ s, 2 kA 10/350  $\mu$ s

## 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](http://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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