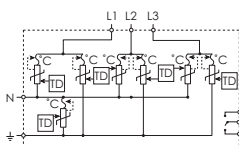
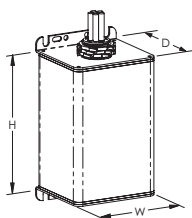


# Compact TDX Panel Protector, 100 kA – TDX100C120208



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



|   |  |
|---|--|
| Part Number                             | TDX100C120208  |
| Nominal System Voltage (Un)             | 120/208 V  |
| Distribution System                     | 3Ph 4W+G   |
| Max Continuous Operating Voltage (Uc)   | 170/276 VAC  |
| Stand-off Voltage                       | 240/415 VAC  |
| Frequency                               | 50 – 60 Hz   |
| Short Circuit Current Rating (SCCR)     | 200 kA   |
| Nominal Discharge Current (In), IEC     | 40 kA 8/20 $\mu$ s   |
| Nominal Discharge Current (In), UL      | 20 kA 8/20 $\mu$ s   |
| Max Discharge Current (Imax), Per Phase | 100 kA 8/20 $\mu$ s  |
| Impulse Current (Iimp), Per Mode        | 12.5 kA 10/350 $\mu$ s                                       |
| Voltage Protection Rating (VPR), L-N    | 600 V @ 3 kA<br>1,200 V @ 20 kA                              |
| Protection Modes                        | L-N<br>L-PE<br>N-PE  |
| Remote Contacts                         | Yes  |
| Status Indication                       | LED  |
| Surge Counter                           | No   |
| Technology                              | Over-current fusing<br>TD technology with thermal disconnect |
| Lead Size                               | #10  |
| Lead Length                             | 30"  |
| Ground Lead Length                      | 36"  |
| Temperature                             | -40 to 176 °F  |

|                             |   |
|-----------------------------|---|
| Part Number                 | TDX100C120208   |
| Enclosure Material          | Metal   |
| Enclosure Rating            | IP 65<br>NEMA®-4  |
| Mounting                    | 3/4" straight nipple  |
| Depth (D)                   | 3.07"   |
| Height (H)                  | 6.02"   |
| Width (W)                   | 3.31"   |
| Unit Weight                 | 1.76 lb   |
| Certification Details       | UL® 1449 Edition 4 Type 1/2, 20 kA Mode   |
| Complies With               | ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C<br>ANSI®/IEEE® C62.41.2-2002 Scenario II, Exposure 1, 20 kA 8/20 µs, 2 kA 10/350 µs |
| Certifications              | CE<br>C-Tick<br>UL  |
| Standard Packaging Quantity | 1 pc  |
| UPC                         | 78285659321   |

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**WARNING**

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