

Compact TDX Panel Protector, 200 kA



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 μ s maximum surge rating provides protection suitable for main-distribution panels and an extended operational life

SPECIFICATIONS

Catalog Number	TDX200C120/240	TDX200C120/208
Nominal System Voltage (Un)	120/240 V	120/208 V
Distribution System	1Ph 3W+G	3Ph 4W+G
Max Continuous Operating Voltage (Uc)	170/276 VAC	170/276 VAC
Stand-off Voltage	240/480 V	240/415 V
Frequency	50 - 60 Hz	50 - 60 Hz
Short Circuit Current Rating (SCCR)	200kA	200kA
Nominal Discharge Current (In), IEC	40kA 8/20 μ s	40kA 8/20 μ s

Catalog Number	TDX200C120/240	TDX200C120/208
Nominal Discharge Current (In), UL	20kA 8/20 μ s	20kA 8/20 μ s
Max Discharge Current (Imax), Per Phase	200kA 8/20 μ s	200kA 8/20 μ s
Impulse Current (Iimp), Per Mode	25kA 10/350 μ s	25kA 10/350 μ s
Voltage Protection Rating (VPR), L-N	800 V @ 3 kA	800 V @ 3 kA
Protection Modes	L-N L-PE N-PE	L-N L-PE N-PE
Remote Contacts	Yes	Yes
Status Indication	LED	LED
Surge Counter	No	No
Technology	Over-current fusing TD technology with thermal disconnect	Over-current fusing TD technology with thermal disconnect
Lead Size	5.26 mm ²	5.26 mm ²
Lead Length	762mm	762mm
Ground Lead Length	914mm	914mm
Temperature	-40 to 80 °C	-40 to 80 °C
Enclosure Material	Metal	Metal
Enclosure Rating	NEMA®-4	IP 65 NEMA®-4
Mounting	3/4" straight nipple	3/4" straight nipple
Depth (D)	78mm	78mm
Height (H)	279 mm	279 mm
Width (W)	84 mm	84 mm
Unit Weight	2.04 kg	2.04 kg
Certification Details	UL® 1449 Edition 5 Type 1/2, 20 kA Mode	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 μ s, 2 kA 10/350 μ s	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 μ s, 2 kA 10/350 μ 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 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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