

Rail Primary Power Surge Protector with Flying Lead



FEATURES

Uses a hybrid Transient Voltage Surge Suppression (TVSS) filter device that incorporates TD technology

Capacitive filtering and voltage dependent metal oxide varistors provide high-energy surge suppression

Active parallel filter removes common disturbances in electrical environment

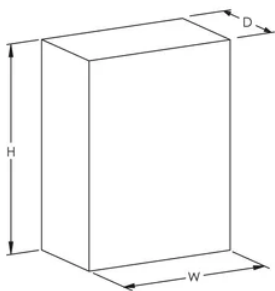
Flying lead monitors status of surge suppression components in each phase

SPECIFICATIONS

Catalog Number	EPD120/240TDFL
Nominal System Voltage (Un)	120/240 V
Max Continuous Operating Voltage (Uc)	150/300 VAC
Stand-off Voltage	240/480 VAC
Frequency	50 - 60 Hz
Aggregate Surge Rating	206
Voltage Protection Level (Up)	600 V @ 10 kA L-N 870 V @ 20 kA L-N 450 V @ 3 kA L-N 400 V @ 500 A
Short Circuit Current Rating (SCCR)	200kA
Filtering	-40 dB @ 100 kHz
Lead Length	600mm

Catalog Number	EPD120/240TDFL
Lead Size	3.3 mm ²
Distribution System	1Ph 3W+G
Protection Modes	L-N L-PE
Status Indication	LED
Technology	TD technology with EMI/RFI filter
Mounting	1/2" straight nipple
Humidity	0 - 90
Temperature	-40 to 70 °C
Enclosure Material	Metal
Enclosure Rating	NEMA®-1
Depth (D)	109.22mm
Height (H)	160 mm
Width (W)	160 mm
Unit Weight	2.7 kg
Complies With	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C ANSI®/IEEE® C62.41.2-2002 Scenario II, Exposure 2, 50 kA 8/20 µs AREMA® requirements

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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