

Rail Secondary Power Surge Protector, AC Circuits



FEATURES

Transient Discriminating (TD) technology helps ensure safe operation during abnormal over-voltage events

Hybrid TVSS technology

Low let-through voltage

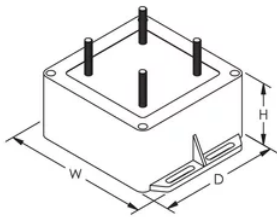
Sine wave filter for RFI/EMI attenuation

SPECIFICATIONS

Catalog Number	EPD240TDAARB	EPD120TDAARB
Nominal System Voltage (Un)	240 VAC	120 V
Max Continuous Operating Voltage (Uc)	275 VAC	150 VAC
Rated Load Current (IL)	30A	30A
Frequency	50 - 60 Hz	50 - 60 Hz
Filtering	-65 dB @ 100 kHz	-65 dB @ 100 kHz
Aggregate Surge Rating	20	20
Distribution System	1Ph 2W+G	1Ph 2W+G
Protection Modes	L-N	L-N
Technology	TD technology with thermal disconnect EMI/RFI filter	TD technology with thermal disconnect EMI/RFI filter
Connection Type	AAR Terminals	AAR Terminals

Catalog Number	EPD240TDAARB	EPD120TDAARB
Status Indication	LED	LED
Humidity	0 - 90	0 - 90
Temperature	-40 to 70 °C	-40 to 70 °C
Enclosure Material	UL® 94V-0 Thermoplastic	UL® 94V-0 Thermoplastic
Enclosure Rating	IP 20 NEMA®-1	IP 20 NEMA®-1
Depth (D)	120.65mm	120.65mm
Height (H)	60.3 mm	60.3 mm
Width (W)	146 mm	146 mm
Unit Weight	1.1 kg	1.1 kg
Complies With	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C	ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C

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.

North America

+1.800.753.9221

Option 1 – Customer Care

Option 2 – Technical

Support

Europe

Netherlands:

+31 800-0200135

France:

+33 800 901 793

Europe

Germany:

800 1890272

Other Countries:

+31 13 5835404

APAC

Shanghai:

+ 86 21 2412 1618/19

Sydney:

+61 2 9751 8500



Our powerful portfolio of brands:

CADDY

ERICO

HOFFMAN

ILSCO

SCHROFF

TRACHTE