

Surge Protection

Engineering Specification Submittal

Model: ZoneDefender PRO Order Code: 16304

Applicable Standards

NEMA LSI - 1992
 UL 1449
 UL 1283
 UL1449 Subject Bulletin, TVSS for LPS

ANSI/IEEE C62.41
 ANSI/IEEE C62.45

General Electrical

SPD Category Service Entrance
 Nominal service voltage 277/480V
 Maximum continuous operating voltage 320V
 Remote indication NO/NC/C 60W DC, 120VA AC, 3A max.

Module diagnostics Protection present Green LED
 Fault warning Red LED/Audible alarm
 On board monitoring Fault monitor, audible alarm

Short Circuit Current Rating 200,000A RMS Symmetrical Rating

Maximum Surge Current

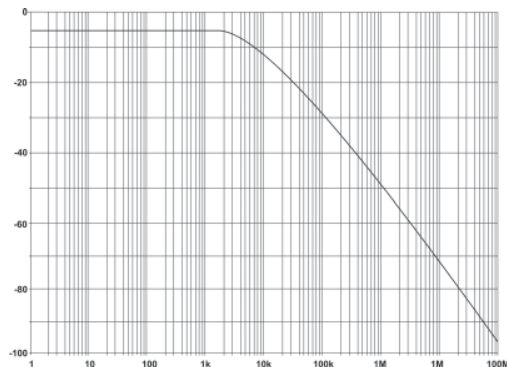
Maximum Surge Current per Protection Mode				Maximum Surge Current Per Phase
L-N	L-G	L-L	N-G	
60,000A	60,000A	120,000A	60,000A	120,000A

Clamping Voltage

ANSI/IEEE C62.41 ANSI/IEEE C62.45 Clamping Voltage	B3 (500A) Ringwave	B2 (2,000A)	B3 (3,000A)	C3 (10,000A)
		560V	780V	890V

EMI - RFI Noise Reduction

55dB Max
 100kHz to 100MHz



Agency Approvals

UL 1449
 UL 1283
 C-UL-US

Independent UL 1449 Suppressed Voltage Ratings			
L-N	L-G	L-L	N-G
800V	800V	1600V	800V

Physical and General Data:

Enclosure:	NEMA 1, 2, 12 and 13
Dimensions:	9.3" x 4.95" x 3" (236mm x 124mm x 76mm)
Weight:	Approx. 9 lbs.
Operating Environment:	-40°C to 85°C, 95% relative humidity (non-condensing)
Construction:	Ultra low impedance non-modular assembly.
Wire Leads:	#10 AWG wire size
Mounting:	Close nipple or surface mount

