

## ZoneDefender

**ZoneDefender** is specifically engineered for medium to low exposure. For small distribution panels, tower lights, equipment cabinets and confined spaces.



### Product Features

- 70,000A per phase (tested capacity)
- Solid state diagnostics
- ALL mode protection (L-N, L-G, L-L & N-G)
- Metal Oxide Varistor technology
- Remote indication contacts
- Low impedance construction
- Integrated thermal and short circuit fusing for safety
- Close nipple mount
- Ten year warranty
- Flush mount models available
- UL 1449 2nd Edition Listed. (Models 14100, 14101, 14102, 14108)

## Product Specifications

Electrical	
Maximum Surge Current Capacity Per Ø	70,000 A (8/20 ms)
Maximum Surge Current Capacity	L-N: 35,000 (8/20 ms) L-L: 35,000 (8/20 ms) L-G: 35,000 (8/20 ms) N-G: 18,000 (8/20 ms)
Duty Cycle Performance	70,000A (8/20 ms): 1 impulse 10,000A (8/20 ms): >1000 impulses 100A (8/20 ms): infinite
Remote Indication	Normally Closed Rated 2A, 125 VAC
Status Indication	Protection present: Green LED ON Internal Failure: Green LED OFF
Safety Fusing	Thermal & Short Circuit Fusing
Mechanical	
Enclosure	Durable, lightweight, corrosion resistant, high impact plastic. NEMA 1, 2, 3, 3S, 4, 4X, 12, and 13.
Connection	#12 AWG stranded (approximately 18")
Mounting	Surface mount via 4" x 0.21" diameter holes Close nipple via ½" nipple Flush mount via mounting plate (optional at time of ordering)
Dimensions	3-Phase: 5.3" x 5.3" x 2.3" 2-Phase: 4.5" x 2.9" x 2.5" Single Phase: 4.5" x 2.9" x 2.5"
Weight	3-Phase: 3.6 lbs 2-Phase: 2.0 lbs Single Phase: 1.9 lbs

## Model Selection Guide

Models	Service Voltage	UL 1449	500 8/20m s	3000A 8/20m s	10 kA	200A Ring	MCOV
14100	120V 1Ø 2 Wire	400 Volts	310V	435V	730V	315V	140 VAC
14101	120V/240V Split Ø 3 Wire	400 Volts	310V	435V	730V	315V	140 VAC
14102	120V/208V 3Ø 4 Wire WYE	400 Volts	310V	435V	730V	315V	140 VAC
14104	277V/480V 3Ø 4 Wire WYE	700 Volts	690V	890V	1200V	690V	320 VAC
14106	480V 3Ø 4 Wire Delta	1500 Volts	1480V	1600V	2100V	1430V	550 VAC
14107	220V/380V 3Ø 4 Wire WYE		600V	790V	730V	650V	275 VAC
14108	240V/415V 3Ø 4 Wire WYE	700 Volts	600V	790V	1200V	650V	275 VAC
14109	220V 1Ø 2 Wire		600V	790V	1200V	650V	275 VAC