
Zone Preserver Series

Application: The ZonePreserver Series provides protection for critical PBX systems, copiers, sorters, and other sensitive electronic equipment from transients caused by direct or indirect lightning strikes, utility switching and heavy machinery cycling. The ZonePreserver Series is available in 15A, 20A, 30A and 50A versions. Voltage services are available in 125V, 250V, 125/250V and 120/208V for all popular NEMA Standard twist-lock or straight-blade plugs and receptacles.

MECHANICAL SPECIFICATIONS

Enclosure: Durable, lightweight, corrosion resistant high impact plastic

Dimensions: 5.3" x 5.3" x 2.3" (except 50A models)

Weight: 3.6 lb

Connection: Twist Lock or Straight Blade

Mounting: Surface Mount via 4 x 0.21" diameter holes or floor mount



Features:

- 70,000A pre phase
- Solid State Diagnostics
- Metal Oxide Varistor Technology
- Ten Year Warranty
- Low Impedance Construction
- UL1449 2nd Edition Listed
- Thermal and Short Circuit Fusing for Safety
- All Mode Protection
(L-N, L-G, L-L, & N-G, where applicable)

ELECTRICAL SPECIFICATIONS

Maximum Surge Current Capacity per Phase: Durable, lightweight, corrosion resistant high impact plastic

Maximum Surge Capacity:	L-N	35,000A (8/20 μ s)
	L-L	35,000A (8/20 μ s)
	L-G	35,000A (8/20 μ s)
	N-G	18,000A (8/20 μ s)

Duty Cycle Performance:	40,000A 8/20 μ s	1 impulse
	10,000A 8/20 μ s	>2500 impulses
	100A 8/20 μ s	infinite

Status Indication:	Protection Present:	Green LED ON
	Internal Failure:	Green LED OFF

Safety Fusing: Thermal & Short Circuit Fusing

Suppression Voltage Levels			Maximum Continuous Operating Voltage
500A 8/20 μ s	3000A 8/20 μ s	200A 8/20 μ s	
310V	435V	315V	140VAC

Part # Straight Blade	Description (Straight Blade)	UL1449	Mode	Part # Twist-Lock	Description (Twist-Lock)	UL1449	Mode
AT44101	5-15 125V 1Ø 15A	330	L-N, L-G, N-G	AT44102	L5-15 125V 1Ø 15A	330	L-N, L-G, N-G
AT44103	5-20 125V 1Ø 20A	330	L-N, L-G, N-G	AT44104	L5-20 125V 1Ø 20A	330	L-N, L-G, N-G
AT44105	5-30 125V 1Ø 30A	330	L-N, L-G, N-G	AT44106	L5-30 125V 1Ø 30A	330	L-N, L-G, N-G
AT44107	6-15 250V 2Ø 15A	330	L-G	AT44108	L6-15 250V 2Ø 15A	330	L-G
AT44109	6-20 250V 2Ø 20A	330	L-G	AT44110	L6-20 250V 2Ø 20A	330	L-G
AT44111	6-30 250V 2Ø 30A	330	L-G	AT44112	L6-30 250V 2Ø 30A	330	L-G
AT44113	14-20 125/250V 2Ø 20A	330	L-N, L-G, N-G	AT44114	L14-20 125/250V 2Ø 20A	330	L-N, L-G, N-G
AT44115	14-30 125/250V 2Ø 30A	330	L-N, L-G, N-G	AT44116	L14-30 125/250V 2Ø 30A	330	L-N, L-G, N-G
AT44117	18-20 120/208V 3Ø 20A 4 Wire	330	L-N	AT44118	L18-20 120/208V 3Ø 20A 4 Wire	330	L-N
AT44119	18-30 120/208V 3Ø 30A 4 Wire	330	L-N	AT44120	L18-30 120/208V 3Ø 30A 4 Wire	330	L-N
				AT44122	L21-20 120/208V 3Ø 20A 5 Wire	330	L-N, L-G, N-G
				AT44124	L21-30 120/208V 3Ø 30A 5 Wire	330	L-N, L-G, N-G
				AT44126	50A Non-NEMA 125V 1Ø 50A	330	L-N, L-G, N-G
				AT44128	50A Non-NEMA 250V 2Ø 50A	330	L-G