

Safety Tested and Certified to New UL Standard No. 1449, 4th Ed.



Safety rated as SPD Types 1 and Type 2 with the TVSS industries highest safety SCCR Rating of 200kAIC!

(ME*) 'Multi-Elements' for Each Surgepath

The Gar'Dian Series Provides reliable secondary level Protection when downline from Primary Level StediWatts!



Keeps Your Power Lean, Clean & Green!

IDEAL FOR SUB-PANELS TO PROTECT and ISOLATE CRITICAL DOWNLINE EQUIPMENT!

The **Gar'Dian** Series is secondary level of Multi-element surge protection to be located at your Sub-distribution Panels. It isolates your sensitive downline equipment from nearby switching motor loads and inhouse surges to compliment your upline grid of non-degrading StediWatt's. It preserves your assets and maximizes your long-term profits!

Key Features:

- Safe 240,000 Amps of Multi-element surge capacity For Secondary Level Protection.
- Unique fuse-links maintain safety of nearby equipment during a catastrophic failure.
- Designed for easy mounting and installation for 'close-coupled' surge protection.
- **Provides reliable, cost-effective component level isolation as part of protection grid.**
- Unique Safety "Surge Cushion" Technology is Key to Eliminating 'Electrical Pollution'!

"Made With Pride In The USA!"

Model Number:	S-1120-3G	S-1208-4G	S-1240-3G	S-1240-4G	S-1480-3G	S-1480-4G
AC Service Types:	1Ø	3Ø WYE	3Ø Delta	3Ø Hi-Leg	3Ø Delta	3Ø WYE
Nominal AC Line Voltage (VRMS):	120/240	120/208	240/240	120/208/240	480/480	277/480
Frequency Range - USA / Euro Std:	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Multi-Element ME* Protection Modes:	L-N;L-L	L-N;L-L&N-G	L-L	L-N;L-L&N-G	L-L	L-N;L-L&N-G
Knock Out Size for Mounting:	½"	½"	½"	½"	½"	½"
Leads: #14 AWG Stranded Copper	3+G	4+G	3+G	4+G, Hi-Leg	3+G	4+G
Max. ME* Per Mode kA:	40	40	40	40	40	40
Max. Surge Current Per Phase kA:	80	80	80	80	80	80
Total Surge Capacity (kA @ 8x20 µsec pulse):	120	240	150	240	150	240
Max. Continuous Operating Voltage (MCOV):	140/320	140/320	320	140/320/320	550	320/550
Max. Clamping Voltage - L-L:	520	520	520	520	1175	1175
Max. Clamping Voltage - L-N:	390	390	N/A	390	N/A	675
Max. Clamping Voltage - N-G:	390	390	N/A	390	N/A	390
Warranty:	15 Years per Manufacturers Warranty Guidelines					
Enclosure Dimensions (HxWxD):	4 ½" X 4 ½" X 2 ¾"					
Enclosure Type:	NEMA/EEMAC Type 12 Waterproof, Explosion Proof, Spark Proof with Embedded PCB and Contacts					
Certifications:	UL / CUL Std 1449, 4th Edition and Full Line is ETL Certified, Safety Tested and Listed					
Safety Testing:	UL & ANSI/IEEE C62.11,C62.41 & C62.45 Std. 587 and NEMA Std. LS-1					
Protection Status Indicators:	Lifetime Green LED Self Test Indicators For Each Phase					
Shipping Weight Lbs (Approx.):	3.2	3.85	3.5	3.85	3.8	4.25

For more information on the StediWatt TVSS System Plus® visit www.stediwatt.com, or contact AESI/StediWatt at 717.263.5681 or **800.345.1280**

