

Type 1 Modules, Panel and Meter Socket Adapter

55000 Series, 51120-3R and 50240-MSA Type 1 Surge Protective Devices

Leviton's Type 1 surge protective devices protect against lightning strikes entering into main service panels or electrical equipment with high exposure to lightning, such as farming irrigation systems. These SPDs are permanently connected SPDs intended for installation on the line side of the service equipment overcurrent device, including watt-hour meter socket enclosures and are intended to be installed without an external overcurrent protective device.

Features and Benefits

50240-MSA Meter Socket Surge Arrester Adapter

- Designed for 120/240 volt single-phase ringless or ring-type meters
- Rugged housing constructed of high-impact, non-conductive fiberglass-reinforced polycarbonate
- Featuring spring-loaded, high-pressure copper-plated contacts for maximum conductivity
- Limited lifetime product warranty
- Connected equipment coverage up to \$10,000*

55000 Series Modules

- Provided with #10 AWG stranded, 18 in. long pigtail leads
- Connected equipment coverage up to \$10,000*
- May also be used in Type 2 applications
- NEMA Type 3R enclosure for indoor or outdoor use
- Limited lifetime product warranty

51120-3R Panel

- Standard J-Box enclosure with pre-punched standard knock-outs can be easily surface mounted in typical frame construction
- Provided with #12 AWG stranded, 28 in. long cord
- Connected equipment coverage up to \$25,000*
- May also be used in Type 2 applications
- NEMA Type 3R enclosure for indoor or outdoor use
- Limited lifetime product warranty

*Certain restrictions apply

SPOTLIGHT

Surge Protection

Need assistance? To learn more about how to implement an effective surge protection network have a Surge Protection Expert contact you. Visit www.leviton.com/surge for more information.



MODULE, PANEL AND ADAPTER | 55000 Series, 51120-3R and 50240-MSA

Type 1 Secondary Surge Arresters

Cat. No.	Description	Voltage (VAC) Configuration	Max Surge Current, Per Mode
55240-ASA	Module	120/240V Single Phase	50kA
55208-ASA	Module	120/208V 3Ø WYE, 240V 3Ø Delta	50kA
55480-ASA	Module	277/480V 3Ø WYE, 480V 3Ø Delta	50kA
50240-MSA	Meter Socket Surge Adapter	120/240V Single Phase	50kA
51120-3R	Panel Mount	120/240V Single Phase	50kA



55240-ASA



55208-ASA



50240-MSA



51120-3R

Specifications for 55000 Series, 51120-3R and 50240-MSA Type 1 SPDs

Cat. No.	55240-ASA	55208-ASA	55480-ASA	51120-3R	50240-MSA
Electrical Specifications					
Voltage	120/240V Single phase	120/208V 3Ø WYE, 240V 3Ø Delta	277/480V 3Ø WYE, 480V 3Ø Delta	120/240V Single phase	120/240V Single phase
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Surge Technology	TPMOV	TPMOV	TPMOV	TPMOV	TPMOV
Amperage	—	—	—	—	200A**
Performance Data					
Maximum Continuous Operating Voltage (MCOV)	150V	150V	320V	150V(L-N)/300V(L-L)	150V
Nominal Discharge Rate (I _N)	20kA	20kA	20kA	20kA	20kA
Maximum Surge Current, per Mode (per Phase)	50kA (50kA)	50kA (50kA)	50kA (50kA)	50kA (50kA)	50kA (50kA)
Voltage Protection Rating (VPR) Clamping	600V(L-N)/800V(L-L)	600V(L-N)/800V(L-L)	800V(L-N)/700V(L-L)	500V(L-N)/800V(L-L)	600V(L1-N)/500V(L2-N)/400V(L1-L2)
Warranty					
Product Warranty	Limited lifetime	Limited lifetime	Limited lifetime	Limited lifetime	Limited lifetime
Connected Equipment Coverage	Up to \$10,000*	Up to \$10,000*	Up to \$10,000*	Up to \$25,000*	Up to \$10,000*

*As part of the True Whole House Surge Protection Warranty.

**200 Amp only when using Murray Cat. No. RH173CRF meter socket; otherwise 175 Amp