



RSH-50 Surge Protective Device (SPD)

for Single-Phase System 120/240 VAC Type 1

Product Code 96415



Protect equipment from electrical surges and other voltage disturbances

Performance

- Protection from surges up to 50,000 amps • Long-Lasting Gas Discharge Tube Technology • Patented Thermally Fused MOV (Metal Oxide Varistor) • Green LED Diagnostic Light to Indicate Protection • For Outside Condensing Units and Indoor Air Handlers • Fits All Single Phase Units

Safety

- Thermally-fused Components
- NEMA 4X Rated

Warranty

- 5 year \$5,000 Connected Equipment Warranty
- Limited Lifetime Product Replacement Warranty



Recommended Use:

For residential or commercial use. Protects up to 50,000-amp single surges and up to 10,000-amp repetitive surges.

Code	Description	Qty
96415	RSH-50 Surge Protective Device	6
96416	RSH-60 Surge Protective Device	4
96426	RSH-60 VMD Surge Protective Device	2



FEATURES

- Long-Lasting Gas Discharge Tube Technology
- TFMV Technology (Thermally Fused Metal Oxide Varistor)
- Unsurpassed Industry Product Warranty
- High Visibility Green LED Indicates Protection Status
- Weather-Rated under NEMA 4
- Fits All Single-Phase Units
- UL 1449 Listed
- NEC's highest Short Circuit Current Rating (SCCR) @200kA
- RoHS Compliant

Application • Protect HVAC equipment from electrical surges, brownouts, and other voltage disturbances • Protects from single surges up to 60,000 amps and repetitive surges up to 20,000 amps.

Recommended for • Residential and commercial use • All single phase 120/240 V HVAC-R equipment (air conditioning, heat pumps)



RSH-50



RSH-60



RSH-60 VMD

MAXIMUM DISCHARGE CURRENT PER PHASE	50kA (1 hit)	60kA (1 hit)	60kA (1 hit)
NOMINAL DISCHARGE CURRENT	10kA (15 hits)	20kA (15 hits)	20kA (15 hits)
SHORT CIRCUIT CURRENT RATING (SCCR)	200kA (NEC's highest rating)	200kA (NEC's highest rating)	200kA (NEC's highest rating)
DIAGNOSTICS	1 LED	2 LED's, Audible alarm with silence switch	2 LED's, Audible alarm, Voltage Monitoring Circuit
PRODUCT WARRANTY	Lifetime	Lifetime	5 Years
CONNECTED EQUIPMENT WARRANTY	5 years / \$5,000	5 years / \$7,500	5 years / \$5,000

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