EasySurge™ Guardian For Residential and Commercial HVAC

Hardware Features

- Easy to read green and red indicators for WiFi, Protection OK, Protection failed, and voltage over/under events. Easy integration for off-grid living with solar arrays
- Large box terminals support wire sizes from 6 AWG to 14 AWG
- Weather resistant rating protects against rain, sleet, ice and UV damage
- 20kA 15 transient strike protection
- 50kA single strike protection
- Rubber channel lip gasket for a dust proof seal
- Maximum discharge current: 50 kA (one hit)
- Nominal discharge current rating: 10 kA (15 hits)
- Short circuit current rating: 50 kA
- Adjustable mounting flanges
- 50 amps maximum load current
- Two, 1/2" NPT conduit connections
- Latching relays for improved reliability



App Accessible Features

- Restore delay can be adjusted from 5 to 600 seconds
- Over voltage protection adjustable from 125 to 280 Vac
- Low voltage protection adjustable from 80 to 230 Vac
- Logs power on, low voltage, high voltage, or relay on events
- Time stamped history log for the last 32 events
- Cloud based monitoring
- Counting for voltage events since the last power on event
- Real-time line voltage monitoring
- Phone alert for failed protection
- Local connections on Bluetooth
- Contractor access mode
- Voltage monitoring for one minute and three minute minimum, maximum, and average

Certifications

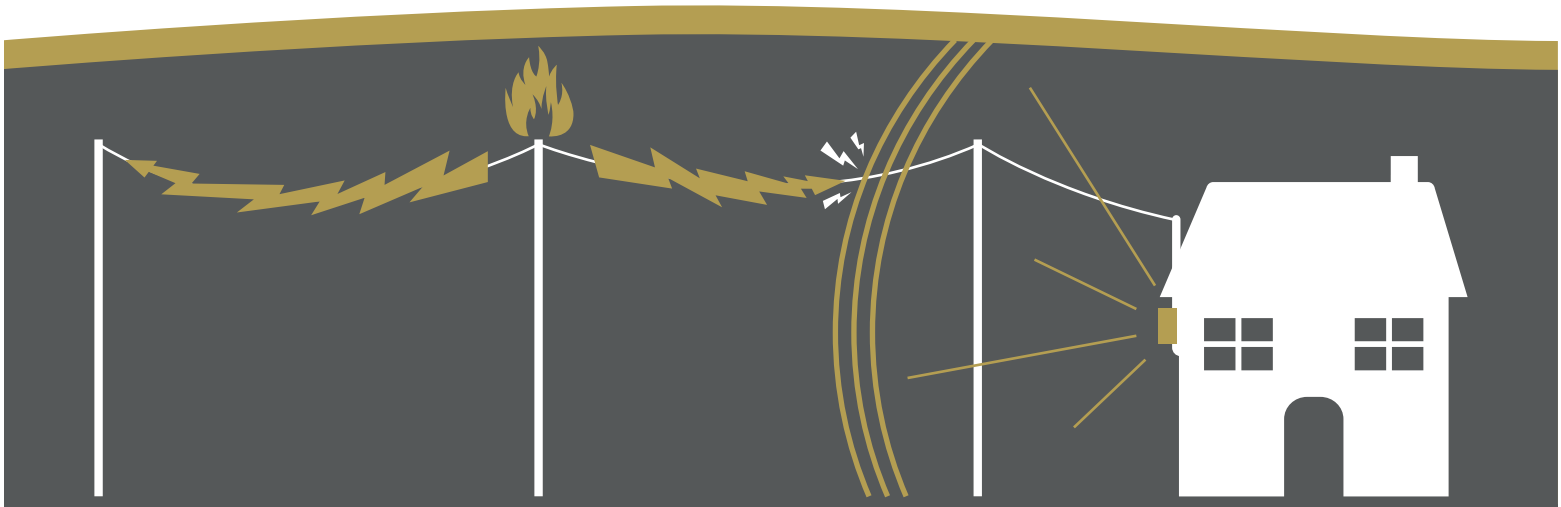
- **CSA C22.2 No 60497-1-13, No 60497-5-1-14**
- **ROHS compliant**

MICRO-AIR®

Micro-Air LLC, 200 First Responders Way, Suite 204 Hamilton NJ 08691 | micro-air.com | 609-259-2636

Electrical Information

Voltage	80 to 260	Vac
Frequency	45 to 65	Hz
Maximum load current	50	A
Maximum continuous operating voltage (L-L)	300	Vac
Short circuit current rating (single hit)	50	kA
Nominal surge current rating (multiple hits)	20	kA
Peak voltage protection rating	1200	V
Temperature range	-20 to 80	˚C
Dimensions (L, W, H)	9, 7.5, 4.6 (22.9, 19.1, 11.7)	In (cm)
Weight	2.5 (1.1)	lbs. (Kg)
Screw torque #6 AWG (4.1 mm)	2.5 (1.1)	In/lb (Nm)
#8 AWG (3.3 mm)	2.5 (1.1)	In/lb (Nm)
#10 to #14 AWG (1.6 to 2.6 mm)	2.5 (1.1)	In/lb (Nm)
Wire strip length	0.375 9.5	In (mm)



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