How FIRE-GUARD™ AFCI Works

LOAD CURRENT SENSOR

ARC SIGNATURE FILTER

AMPLIFIER

LOGIC

AFCI TEST CIRCUIT

GFCI TEST CIRCUIT

5 mA GROUNDED CURRENT SENSOR

GROUNDED NEUTRAL SENSOR

LOAD

NEUTRAL

LOAD

NEUTRAL
How FIRE-GUARD™ AFCI Works

- Load Current Sensor
- Arc Signature Filter
- Amplifier
- Logic
- Test Circuit
- 30 mA Ground Current Sensor
- 240 VAC Load
- 240 VAC Load
- 120 VAC Load
- 120 VAC Load
- L1
- Neutral
- L2