



# AFCI Troubleshooting Card

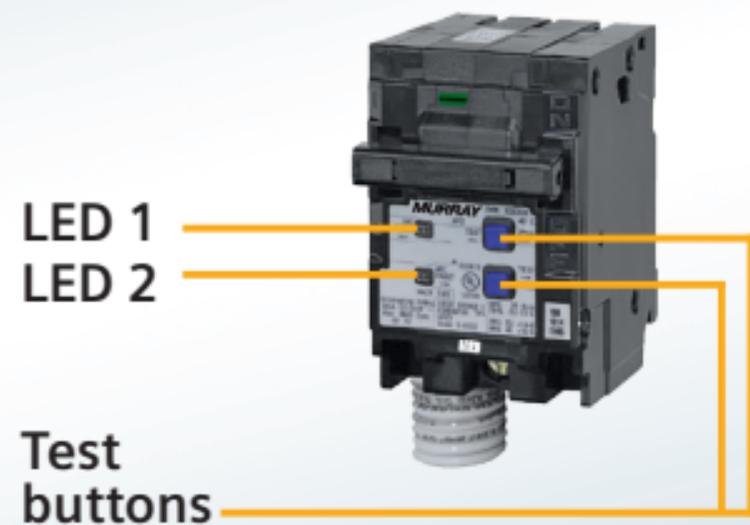
**For both 1- and 2-pole breakers,** LED indications will appear for 5 seconds each time the AFCI is turned "ON" and will display each time the breaker is reset for up to 30 days after the last trip. The last known trip condition can be cleared by the following process:

1. Turn the AFCI to the "OFF" position.
2. Press and hold Push-to-Test (PTT) button(s).
3. Turn the AFCI to the "ON" position.
4. Release PTT button(s) within 3 seconds.

**1-800-333-7421**

**[usa.siemens.com/afci](http://usa.siemens.com/afci)**

The Murray Combination Type AFCI trip indicator serves to indicate whether there was an arc fault, overcurrent, or short circuit. This indicator is in the form of an LED that appears near the handle of the breaker. The LED indication will appear for 5 seconds each time the AFCI is turned "ON" up to 30 days after the last trip. An LED will be illuminated if the last trip was a result of an arcing fault. No indication will be displayed if the AFCI trips as a result of an overcurrent or short circuit condition. On the 2-pole AFCI, the leg on which the arcing result was detected can be determined based on which single LED was illuminated. The last known trip indication can also be cleared from memory to assist with verifying resolution of the problem.



## Tips and Tricks

- Route wires in strategic areas so homeowners and other trades are less likely to pierce through a wire.
- If possible, perform work after the other trades, i.e. HVAC and plumbing, have completed.
- Wire receptacles around the screw instead of backstabbing.
- Use properly maintained tools, i.e. sharp blades.
- Ensure a tight connection between light sockets and light bulb bases.
- Do not overload circuit with excessive amounts of electronics.
- Affirm furniture is not on or pushing against electrical wires.
- Watch for blackened plugs, very damaged wires, or noisy electronics.
- Electronics should be Underwriters Laboratories (UL) listed, or equivalent, and comply with part 15 of Federal Communications Commission (FCC) regulations.
- Protect electronics on surge protectors.

The PTT button is the only method recommended to verify the functionality of the AFCIs by National Electrical Manufacturers Association (NEMA) and UL.

Test AFCIs once per month to ensure proper working conditions.