

# Square D Combination AFCI Circuit Breakers

Protecting your home and family



Make the most of your energy<sup>SM</sup>

**Schneider**  
Electric



## Protect your home with combination AFCI circuit breakers.

Electrical problems spark an estimated 51,000 home fires and cause more than \$1 billion in residential property damage each year. (National Fire Protection Association, 2003-2007). Electrical wiring, cords and plugs, switches, receptacles, and outlets can be the source of tremendous damage to your property or worse, your family. Protect yourself with a Square D™ combination arc-fault circuit interrupter (AFCI) circuit breaker from Schneider Electric™.

Circuit breakers are an important part of your home electrical system and they help keep you safe. A circuit breaker “trips” and shuts off power when it detects an issue on a circuit that could possibly cause an electrical fire. The Square D combination AFCI from Schneider Electric offers advanced detection and protection. It senses and responds to a broader range of potentially dangerous electrical incidents, providing the ultimate protection for your home and family.

### Top Causes of Arc Faults and Circuit Breaker Tripping:

- Loose or improper connections, such as electrical wires to outlets or switches.
- Frayed appliance or extension cords.
- Pinched or damaged wire insulation.
- Overheated wires or cords.
- Damaged electrical appliances.
- Misapplied or damaged electrical appliances.
- Overloaded circuits.
- Faulty products.

**50%** The U.S. Consumer Product Safety Commission (CPSC) estimates that combination arc-fault circuit interrupters could prevent more than 50 percent of the electrical fires that occur every year.



### Home Electrical Safety Tips\*:

- Always use correct bulb wattage in lighting.
- Check lamp and extension cords for damage; avoid tightly wrapped cords.
- Keep furniture off of wiring.
- Check wall outlets, and switches for proper functionality.
- Keep appliances away from water or combustibles and heat.
- Avoid overloading circuits.
- Check appliances and electrical products for faulty operation.

\*Electrical Safety Foundation International (ESFI)



## See the Invisible

Arc faults are dangerous electrical events that can occur in your home with no visible signs or indicators. You may not know an arc fault has occurred until it is too late. A leading cause of home fires, arc faults occur when electricity is unintentionally released from home wiring, cords, or appliances because of damage, improper installation, or overloaded circuits. Faulty products and age-related deterioration can also cause arc faults.

A combination AFCI circuit breaker detects a wider range and increased number of arc faults than a standard circuit breaker, improving the safety of your electrical system. You may not be able to see an arc fault, but your combination arc-fault circuit interrupter breaker will. With a simple circuit shut-off “trip,” the combination AFCI provides all the protection you need.



Combination AFCI breakers replace standard circuit breakers in your electrical service panel for advanced protection.



Schneider Electric is The Global Specialist in Energy Management™ and offers integrated solutions focused on making energy safe, reliable, efficient, productive, and green.

 For questions about your **AFCI breaker** call **1-888-778-2733**.

For more information visit  
[www.schneider-electric.com/us](http://www.schneider-electric.com/us)  
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#### Schneider Electric USA

1415 S. Roselle Road  
Palatine, IL 60067  
Tel: 847-397-2600  
Fax: 847-925-7500  
[www.schneider-electric.com](http://www.schneider-electric.com)