

Saved from manuals.plus.

Open the live page for links to other documents and user manuals.

[Manuals.plus](#) /

› [Schneider Electric](#) /

› Schneider Electric Homeline HOM115CAFIC 15 Amp 1-Pole CAFCI Circuit Breaker Instruction Manual

Schneider Electric HOM115CAFIC

Schneider Electric Homeline HOM115CAFIC 15 Amp 1-Pole CAFCI Circuit Breaker Instruction Manual

Model: HOM115CAFIC

PRODUCT OVERVIEW



Figure 1: The Square D Homeline 15 Amp CAFCI Circuit Breaker (Model HOM115CAFI). This image displays the overall appearance of the circuit breaker, including its toggle switch and rating labels.

The Square D Homeline 15 Amp Combination Arc Fault Circuit Interrupter (CAFCI) Circuit Breaker (Model HOM115CAFI) is designed to provide residential circuit protection. It safeguards electrical circuits against overloads, short circuits, and both serial and parallel arc faults. This single-pole breaker is rated for 120V AC circuits and has a 10kA breaking capacity. Its plug-in mount design and pigtail neutral connection facilitate installation in Homeline load centers.

IMPORTANT SAFETY INFORMATION

WARNING: Risk of electric shock. Installation and service should be performed by qualified personnel only. Always turn off power at the main service panel before working on electrical equipment.

- Always disconnect power before installation or maintenance.
- Ensure proper grounding.
- Do not use if damaged.

- Follow all local and national electrical codes.

WHAT'S INCLUDED

- Square D - HOM115CAFIC Homeline Circuit Breaker, 15-Amp, 120V, 1-Pole, CAFCI, Plug-In Mount

SETUP AND INSTALLATION

This section outlines the steps for installing the Square D Homeline 15 Amp CAFCI Circuit Breaker.

1. **Preparation:** Ensure the main power to the load center is OFF. Verify with a voltage tester.
2. **Identify Wires:** Locate the circuit's hot wire and its corresponding neutral wire.
3. **Connect Pigtail Neutral:** Connect the white pigtail neutral wire from the circuit breaker to the neutral bar in the load center.
4. **Connect Load Wires:**
 - Connect the circuit's hot wire to the terminal on the circuit breaker marked "LOAD".
 - Connect the circuit's neutral wire to the terminal on the circuit breaker marked "NEUTRAL" (if applicable, or follow specific breaker instructions for load neutral).
5. **Mount Breaker:** Align the circuit breaker with an available slot in the Homeline load center and firmly push it into place until it clicks.
6. **Verify Connections:** Double-check all wire connections for tightness and proper seating.
7. **Restore Power:** Close the load center cover and restore main power.

Technical Benefits

Combination Arc Fault Circuit Breaker



Protects against parallel and series arcs



Protects against overloads and short-circuits



Product characteristics conformity is certified by the Underwriters Laboratories (UL)



The current capacity that this circuit breaker is able to interrupt before breaking is 10kA



For residential/commercial use to protect entire branch circuits



Compatible with Homeline electrical panels and CSEDs with 1 spaces



Figure 2: Front view of the Square D Homeline 15 Amp CAFCI Circuit Breaker, showing the toggle switch, amperage rating, and the white pigtail neutral wire extending from the bottom. This image illustrates the primary components for connection.

OPERATING INSTRUCTIONS

The circuit breaker is designed for automatic protection against overloads and arc faults.

- **Turning ON:** Push the toggle switch firmly to the "ON" position.
- **Turning OFF:** Push the toggle switch firmly to the "OFF" position.
- **Tripped Breaker:** If the breaker trips, the toggle switch will move to a center position between "ON" and "OFF". To reset, first push the switch completely to the "OFF" position, then push it to "ON".

MAINTENANCE

Circuit breakers generally require minimal maintenance. Regular inspection is recommended.

- **Annual Inspection:** Visually inspect the circuit breaker and wiring connections for any signs of damage, discoloration, or loose connections.
- **Cleaning:** Keep the area around the circuit breaker free from dust and debris. Do not use liquids for cleaning inside the load center.
- **Testing:** Some electrical codes recommend periodic testing of AFCI breakers. Consult local codes for specific requirements.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Breaker trips frequently.	Overload, short circuit, or arc fault.	◦ Reduce load on the circuit. ◦ Inspect wiring for damage or short circuits. ◦ Unplug appliances one by one to identify faulty device. ◦ Consult a qualified electrician if problem persists.
Breaker will not reset.	Persistent fault (overload, short, or arc fault) or internal breaker damage.	◦ Ensure all devices on the circuit are unplugged. ◦ Push switch firmly to "OFF" then "ON". ◦ If it still won't reset, contact a qualified electrician.
No power to circuit after installation.	Incorrect wiring, loose connections, or main power off.	◦ Verify main power is ON. ◦ Check all connections for tightness. ◦ Ensure pigtail neutral is correctly connected to the neutral bar. ◦ Confirm breaker is fully seated in the load center.

SPECIFICATIONS

Dimensions of product



Figure 3: Diagram showing the dimensions of the Square D Homeline 15 Amp CAFCI Circuit Breaker: 3.13 inches height, 1 inch width, and 2.98 inches depth. This provides critical measurements for installation planning.

- **Model:** HOM115CAFIC
- **Current Rating:** 15 Amps
- **Voltage:** 120V AC
- **Poles:** 1
- **Breaking Capacity:** 10kA
- **Circuit Breaker Type:** Combination Arc Fault Circuit Interrupter (CAFCI)
- **Mounting Type:** Plug-In Mount
- **Dimensions (H x W x D):** 3.13 in x 1 in x 2.98 in (79.50 mm x 25.44 mm x 75.69 mm)
- **Certifications:** UL-listed

WARRANTY AND SUPPORT

For warranty information or technical support, please contact Schneider Electric customer service or visit their official website. Keep your purchase receipt for warranty claims.

Manufacturer: Square D by Schneider Electric

Website: www.se.com/us/en/

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B0013NRK10>

More documents and user manuals: <https://manuals.plus/>