

Square D HOM140

Square D HOM140 Plug-In Circuit Breaker Instruction Manual

Model: HOM140 | Brand: Square D

1. INTRODUCTION

This manual provides essential instructions for the safe installation, operation, and maintenance of the Square D HOM140 Plug-In Circuit Breaker. Please read this manual thoroughly before attempting any installation or operation to ensure proper function and safety.

2. SAFETY INFORMATION

WARNING: Risk of electric shock or electrocution. Installation and servicing of electrical equipment should only be performed by qualified, licensed electricians. Failure to follow these instructions can result in serious injury or death.

- Always disconnect power at the main service panel before working on circuit breakers or electrical panels.
- Use appropriate personal protective equipment (PPE), including insulated gloves and safety glasses.
- Verify that the circuit breaker rating matches the requirements of the circuit and load.
- Do not use this device if it appears damaged.
- Ensure all connections are tight and secure to prevent overheating.

3. PRODUCT OVERVIEW

The Square D HOM140 is a 40 Amp, 1-pole, 240V plug-in circuit breaker designed for use in Square D Homeline load centers. It provides overcurrent protection for electrical circuits, safeguarding wiring and equipment from damage due to overloads and short circuits. The breaker features a thermal-magnetic trip unit for reliable protection.



Figure 1: Square D HOM140 40 Amp Plug-In Circuit Breaker. This image shows the front and side view of the black circuit breaker with the ON/OFF toggle switch clearly visible. Product specifications are printed on the front label.

4. SPECIFICATIONS

Feature	Detail
Brand	Square D
Model Number	HOM140
Current Rating	40 Amps
Voltage Rating	120/240 Volts AC
Number of Poles	1
Circuit Breaker Type	Standard, Thermal-Magnetic
Mounting Type	Plug-In Mount
Interrupting Rating	10,000 Amps RMS Symmetrical
Wire Compatibility	1, #14-#8 AWG Al/Cu or 2, #14-#10 AWG Cu (60/75°C wire)

Torque Specification	36 lb-in
Material	Copper (terminals)
Dimensions	3 x 3.1 x 0.9 inches (approximate)
Weight	5.4 ounces (approximate)

5. SETUP (INSTALLATION)

Important: All installation procedures must be performed by a qualified electrician. Ensure power is OFF at the main service panel before proceeding.

- De-energize Panel:** Turn off the main circuit breaker in the electrical panel to completely de-energize the system. Verify with a voltage tester.
- Remove Panel Cover:** Carefully remove the cover of the electrical load center.
- Identify Slot:** Locate an available slot on the bus bar for the new circuit breaker.
- Connect Wire:** Connect the circuit wire (load wire) to the terminal screw on the circuit breaker. Refer to the specifications for appropriate wire gauge and torque (36 lb-in). Ensure the wire is stripped to the correct length and fully inserted into the terminal.
- Install Breaker:** Hook the rear of the circuit breaker onto the retaining clip in the load center, then firmly push the front of the breaker onto the bus bar until it clicks into place.
- Replace Panel Cover:** Once all connections are secure and the breaker is properly seated, replace the load center cover.
- Re-energize Panel:** Turn the main circuit breaker back ON.

6. OPERATING INSTRUCTIONS

The Square D HOM140 circuit breaker is designed for simple operation.

- 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 an overload or short circuit occurs, the breaker will automatically trip to the center position. To reset a tripped breaker, first push the toggle switch completely to the "OFF" position, then firmly push it to the "ON" position.

7. MAINTENANCE

Circuit breakers generally require minimal maintenance. However, periodic inspection is recommended.

- Visual Inspection:** Annually, or if issues arise, have a qualified electrician inspect the circuit breaker and connections for signs of wear, corrosion, or overheating (discoloration).
- Cleaning:** If necessary, gently clean the exterior of the breaker with a dry, lint-free cloth. Do not use liquids or abrasive cleaners.
- Testing:** While not typically required for residential breakers, some commercial applications may require periodic testing by a professional.

8. TROUBLESHOOTING

If you experience issues with your circuit breaker, consider the following:

- **Breaker Trips Frequently:**

- **Overload:** The circuit may be drawing too much current. Unplug some devices from the circuit and try resetting the breaker.
- **Short Circuit:** A direct connection between hot and neutral/ground wires. This requires immediate attention from an electrician to identify and fix the fault.
- **Faulty Appliance:** An appliance connected to the circuit might be defective.

- **Breaker Will Not Reset:**

- There may still be an active fault (overload or short circuit) on the line. Do not force the breaker.
- The breaker itself might be faulty and require replacement.

- **No Power to Circuit (Breaker ON):**

- Check if the main breaker is ON.
- Inspect for loose connections (only by a qualified electrician with power off).
- The breaker may be defective internally.

If troubleshooting steps do not resolve the issue, contact a qualified electrician for diagnosis and repair.

9. WARRANTY INFORMATION

Specific warranty terms for the Square D HOM140 circuit breaker are provided by the manufacturer, Square D. Please refer to the official Square D website or contact their customer service for detailed warranty coverage, duration, and claim procedures. Keep your purchase receipt as proof of purchase.

10. SUPPORT

For technical assistance, product inquiries, or further support regarding your Square D HOM140 circuit breaker, please contact Square D customer service or visit their official website:

- **Manufacturer Website:** www.se.com/us/en/brands/squared/ (Schneider Electric, parent company of Square D)
- **Customer Service:** Refer to the manufacturer's website for current contact information.

Always ensure you are consulting official Square D resources for accurate and up-to-date information.

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