

## Schneider Electric HOMT2020

# Schneider Electric HOMT2020 Miniature Circuit Breaker

User Manual

[Overview](#)

[Safety](#)

[Installation](#)

[Operation](#)

[Maintenance](#)

[Troubleshooting](#)

[Specifications](#)

[Support](#)

## 1. PRODUCT OVERVIEW

The Schneider Electric HOMT2020 is a 120/240-Volt, 20-Amp miniature circuit breaker designed for overcurrent protection in electrical panels. This device helps protect electrical circuits from damage caused by overloads or short circuits by automatically tripping and interrupting the electrical flow. It is a two-pole, standard type circuit breaker.

### Package Contents:

- 1 x Schneider Electric HOMT2020 Miniature Circuit Breaker

## 2. IMPORTANT SAFETY INFORMATION

**WARNING: Risk of electric shock or fire. Installation and servicing of this circuit breaker must be performed by qualified personnel only. Always turn off the main power supply at the service panel before working on electrical circuits.**

- Always disconnect power before installing or servicing the circuit breaker.
- Ensure the circuit breaker's voltage and current ratings match the requirements of your electrical system.
- Do not use this device if it appears damaged.
- Follow all local and national electrical codes during installation.
- This circuit breaker is designed for specific electrical panels. Verify compatibility with your panel before installation.

## 3. INSTALLATION INSTRUCTIONS

The HOMT2020 miniature circuit breaker is designed for wall-mount installation within compatible electrical load centers. Proper installation is critical for safe and reliable operation.

1. **Power Disconnection:** Locate the main service panel and turn off the main circuit breaker to completely de-energize the electrical system. Verify power is off using a voltage tester.
2. **Panel Compatibility:** Ensure your electrical panel is designed to accommodate tandem or miniature circuit breakers of the HOMT series. Some panels may have specific slots or limitations. Consult your panel's documentation if unsure.
3. **Mounting:** Insert the HOMT2020 circuit breaker into the designated slot on the bus bar within the load center. Ensure it is firmly seated and properly connected to the bus bar.
4. **Wiring:** Connect the circuit wire(s) to the appropriate terminals on the circuit breaker. For a 2-pole breaker, connect the two hot wires to the respective terminals. Tighten terminal screws to the manufacturer's specified torque settings.
5. **Panel Cover:** Once wiring is complete and secure, replace the load center cover.
6. **Power Restoration:** Turn the main circuit breaker back on at the service panel.



Image of the Schneider Electric HOMT2020 Miniature Circuit Breaker, showing its compact design and labeling. This image illustrates the typical appearance of the device before installation.

## 4. OPERATION

---

The Schneider Electric HOMT2020 circuit breaker operates automatically to protect electrical circuits. Under normal operating conditions, the circuit breaker remains in the 'ON' position, allowing current to flow through the circuit.

- **Automatic Tripping:** If an overcurrent condition (overload or short circuit) occurs, the circuit breaker

will automatically trip to the 'OFF' or 'TRIPPED' position, interrupting the flow of electricity to prevent damage to wiring and appliances.

- **Manual Operation:** The circuit breaker can be manually switched 'ON' or 'OFF' using the handle.

## 5. MAINTENANCE

---

The HOMT2020 miniature circuit breaker is designed to be maintenance-free under normal operating conditions. However, periodic visual inspections are recommended.

- **Visual Inspection:** Periodically inspect the circuit breaker for any signs of physical damage, discoloration, or loose connections. If any issues are observed, consult a qualified electrician.
- **Cleaning:** Ensure the area around the circuit breaker within the electrical panel remains clean and free of dust or debris.

## 6. TROUBLESHOOTING

---

If the circuit breaker trips, follow these steps:

1. **Identify the Cause:** Disconnect or turn off all appliances and lights on the affected circuit. An overload is often caused by too many devices drawing power simultaneously. A short circuit can be caused by faulty wiring or a defective appliance.
2. **Reset the Breaker:** Firmly push the circuit breaker handle completely to the 'OFF' position, then push it back to the 'ON' position. If the breaker does not reset or immediately trips again, do not force it.
3. **Test the Circuit:** Plug in or turn on one device at a time to identify if a specific appliance or fixture is causing the trip.
4. **Persistent Tripping:** If the circuit breaker continues to trip after troubleshooting, or if you suspect a short circuit, contact a qualified electrician for inspection and repair. Do not attempt to bypass or tamper with the circuit breaker.

## 7. SPECIFICATIONS

---

<b>Brand</b>	Schneider Electric
<b>Model Number</b>	HOMT2020
<b>Current Rating</b>	20 Amps
<b>Voltage</b>	120/240 Volts
<b>Number of Poles</b>	2
<b>Circuit Breaker Type</b>	Standard
<b>Mounting Type</b>	Wall Mount
<b>Material</b>	Copper
<b>Item Weight</b>	6.9 ounces
<b>Product Dimensions</b>	3.3 x 1 x 3 inches

UPC

785901065401

## 8. WARRANTY AND SUPPORT

---

For warranty information, technical support, or service inquiries regarding your Schneider Electric HOMT2020 Miniature Circuit Breaker, please contact Schneider Electric directly through their official website or customer service channels. Always refer to the official Schneider Electric documentation for the most current warranty terms and conditions.

**Manufacturer:** SCHNEIDER ELECTRIC