

The M9F11206 is a miniature circuit breaker (MCB) from Schneider Electric's Multi9 C60N series. Here are some key details about it:

- Type: Miniature Circuit Breaker (MCB)
- Poles: 2P (2 protected poles)
- Rated Current: 6A
- Tripping Curve: C curve
- Breaking Capacity: Up to 10kA at 415VAC
- Standards: Conforms to EN/IEC 60947-2 and EN/IEC 60898-1
- Applications: Suitable for both industrial and residential use, providing protection against short circuits, earth leakage, and overloads

This MCB is designed for original equipment manufacturers (OEM) and control panel builders, offering enhanced protection and a long service life with high electrical and mechanical endurance

The M9F11206 miniature circuit breaker (MCB) from Schneider Electric's Multi9 C60N series is compatible with a variety of products. Here are some key compatible products:

1. Auxiliary Contacts: These can be used to provide additional signaling and control functions.
2. Shunt Trips: These devices allow remote tripping of the MCB.
3. Undervoltage Releases: These protect against voltage drops by tripping the MCB when the voltage falls below a certain level.
4. Busbars: These are used for distributing power to multiple MCBs in a panel.
5. DIN Rail Mounting Accessories: These facilitate the mounting of the MCB on standard DIN rails

These accessories enhance the functionality and flexibility of the M9F11206, making it suitable for various applications in both industrial and residential settings.

Installing accessories for the M9F11206 miniature circuit breaker (MCB) involves a few steps. Here are some general guidelines for each type of accessory:

#### 1. Auxiliary Contacts

Auxiliary contacts provide additional signaling and control functions. Here's how to install them:

1. Turn off the power to the circuit breaker.
2. Remove the cover of the MCB.
3. Attach the auxiliary contact to the side of the MCB. It usually snaps into place.

4. Connect the wiring according to the manufacturer's instructions.
5. Replace the cover and turn the power back on

1

.

## 2. Shunt Trips

Shunt trips allow remote tripping of the MCB. To install a shunt trip:

1. Turn off the power to the circuit breaker.
2. Remove the cover of the MCB.
3. Insert the shunt trip module into the designated slot.
4. Connect the control wiring to the shunt trip terminals.
5. Replace the cover and turn the power back on

2

.

## 3. Undervoltage Releases

Undervoltage releases trip the MCB when the voltage drops below a certain level. To install an undervoltage release:

1. Turn off the power to the circuit breaker.
2. Remove the cover of the MCB.
3. Insert the undervoltage release module into the designated slot.
4. Connect the control wiring to the undervoltage release terminals.
5. Replace the cover and turn the power back on

3

.

## 4. Busbars

Busbars distribute power to multiple MCBs in a panel. To install busbars:

1. Turn off the power to the panel.
2. Mount the busbar on the DIN rail or directly onto the panel.
3. Connect the MCBs to the busbar using the appropriate connectors.
4. Ensure all connections are secure and properly insulated

4

.

## 5. DIN Rail Mounting Accessories

DIN rail mounting accessories facilitate the mounting of the MCB on standard DIN rails. To install these:

1. Turn off the power to the panel.
2. Attach the DIN rail to the panel using screws or clips.
3. Snap the MCB onto the DIN rail.
4. Ensure the MCB is securely mounted and aligned