

IZM61 latch check switch (LCS)

WARNING

- (1) **ONLY QUALIFIED ELECTRICAL PERSONNEL SHOULD BE PERMITTED TO WORK ON THE EQUIPMENT.**
- (2) **ALWAYS DE-ENERGIZE PRIMARY AND SECONDARY CIRCUITS IF A CIRCUIT BREAKER CANNOT BE REMOVED TO A SAFE WORK LOCATION.**
- (3) **DRAWOUT CIRCUIT BREAKERS SHOULD BE LEVERED (RACKED) OUT TO THE DISCONNECT POSITION.**
- (4) **ALL CIRCUIT BREAKERS SHOULD BE SWITCHED TO THE OFF POSITION AND MECHANISM SPRINGS DISCHARGED.**

FAILURE TO FOLLOW THESE STEPS FOR ALL PROCEDURES DESCRIBED IN THIS INSTRUCTION LEAFLET COULD RESULT IN DEATH, BODILY INJURY, OR PROPERTY DAMAGE.

Section 1: General information

The circuit breaker sends out a signal when ready to close.

Tools required

- Phillips screwdriver

Kit parts identification

- LCS (1)
- Screw M4×10 (1)

Section 2: Installing the LCS

Follow below steps for installation:

Step 1: Remove the mounting screws from the circuit breaker panel with the Phillips screwdriver. Pull down the charging handle (by an approx. 45° angle) to remove the cover.

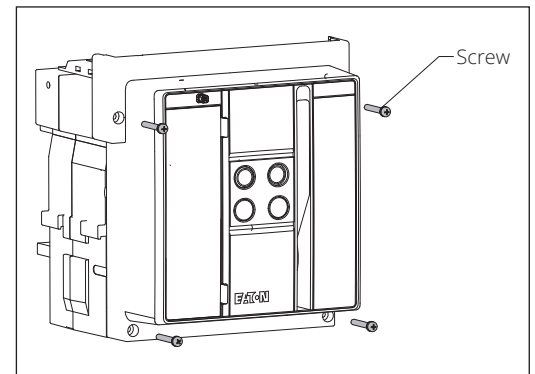


Figure 1. Step 1

Step 2: Remove the screws and mounting panel, as indicated in the figure below, and remove the motor operator.

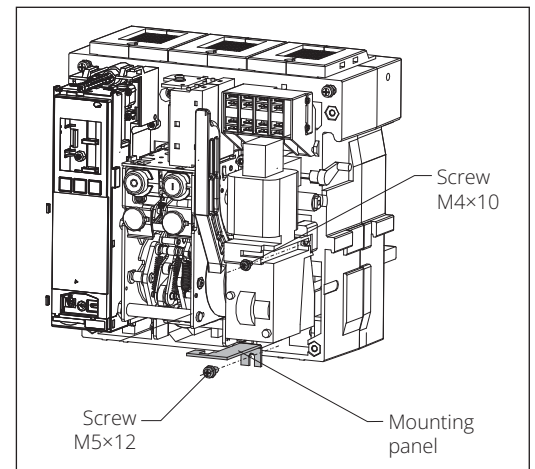


Figure 2. Step 2

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Step 3: Align the round convex surface of the LCS against the waist hole of the mounting panel and mount the LCS assembly on the right panel of the mechanism with 1 M4×10 screw, as shown below.

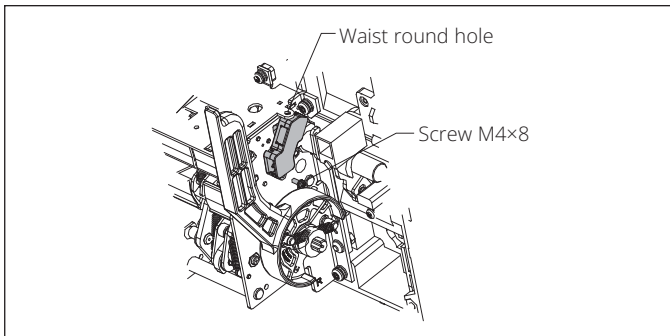


Figure 3. Step 3

Step 4: Wire the conductors respectively to Terminal 31, 32, and 33 according to cable marker identification.

Step 5: Measure: Whether Terminal 32 and 33 are switched when it cannot be closed; Whether Terminal 31 and 32 are switched on when it can be closed.

Step 6: Put the motor operator and cover back separately.

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