

IZM65/67 position cell switch

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

Three sets of switches are available to indicate separately the current position of the circuit breaker (Connected, Test, Disconnected). The corresponding switch will be switched on when the circuit breaker is in a certain position.

Tools required

- Phillips screwdriver
- 5mm Allen wrench
- Knife

Kit parts identification

- Position cell switch (1)
- Nut M3 (1)
- Label (1)
- Spring gasket $\Phi 3$ (1)
- Slider (1)
- Countersunk screw M3 \times 10 (1)
- Screws ST4.2 \times 13 (2)

Section 2: Installing the position cell switch

Follow below steps for installation:

Step 1: First, lever out the basic device to the Disconnected position for removal.

Step 2: Place the position cell switch onto the left side panel of the cassette, and secure it with M4 \times 8 screws (the wiring terminal of the cell switch needs to be removed first, and put back after mounting). Attach the label above the measuring position after mounting.

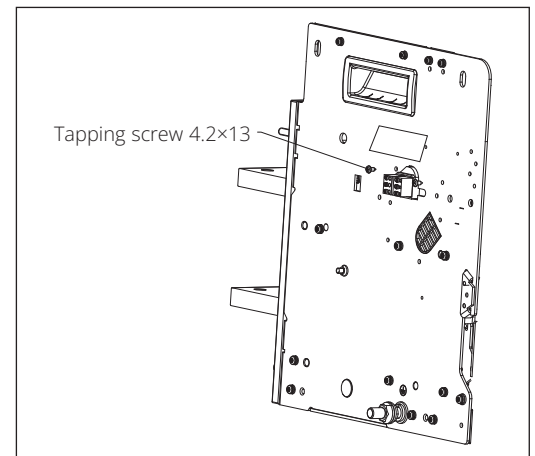


Figure 1. Step 2: Outer side view

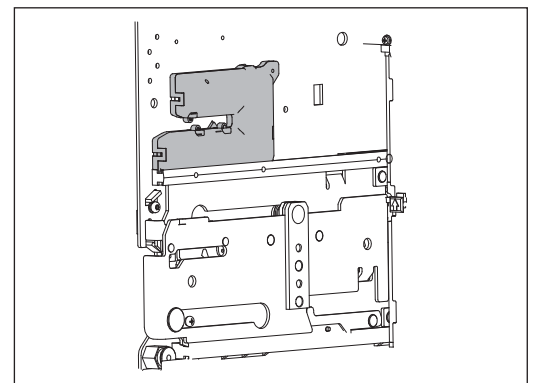


Figure 2. Step 2: Inner side view

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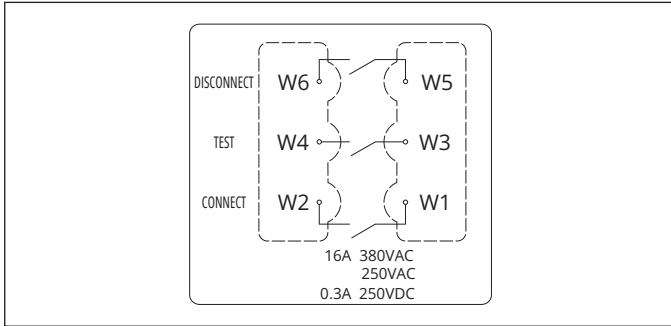


Figure 3. Step 2: Label

Step 3: Remove the basic device cover, then the left bracket with the Allen wrench. Mount the slider (with the M3×10 screw, Φ3 elastic washer and M3 nuts). Then, place the bracket back into the circuit breaker's basic device.

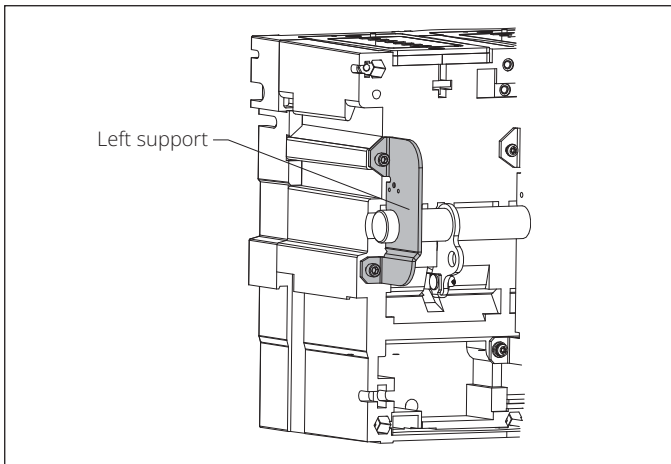


Figure 4. Step 3

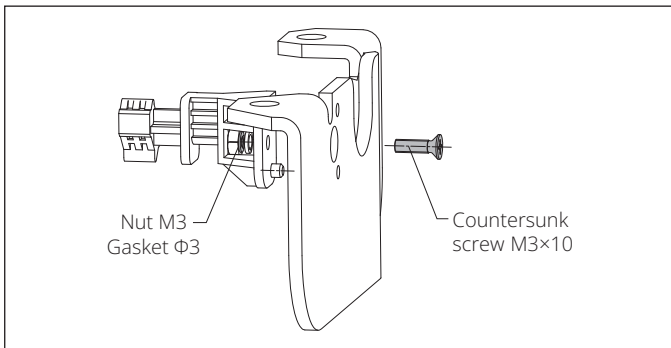


Figure 5. Step 3

Step 4: Remove the small square groove on the left side of the cover with the knife, as indicated below, then put the cover back.

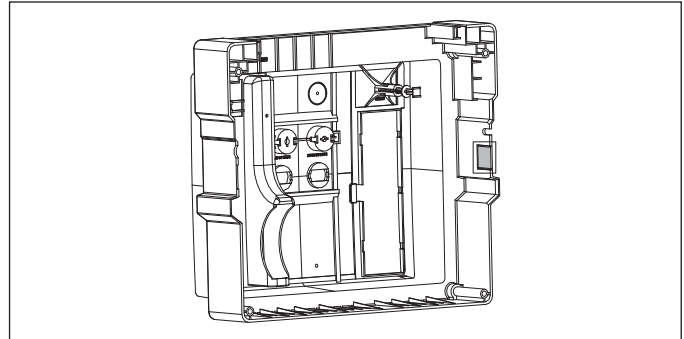


Figure 6. Step 4

Step 5: Finally, put the basic device into the cassette, and measure whether the corresponding switch at the three positions can be properly switched on.

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