

IZM65/67 under (no) voltage release

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 under voltage releases (UVR) will cause the circuit breaker to open when its supply voltage drops to 35 to 70% of the rated voltage. If the UVR's supply voltage does not reach 85% of the rated voltage, the circuit breaker cannot be closed electrically or manually.

The no voltage releases (NVR) will cause the circuit breaker to open when its supply voltage drops to 10 to 35% of the rated voltage. If the NVR's supply voltage does not reach 85% of the rated voltage, the circuit breaker cannot be closed electrically or manually.

Tools required

- Phillips screwdriver

Kit parts identification

- Under (No) voltage release (1)
- Screws M4×65 (2)

Section 2: Installing the under (no) voltage release

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.

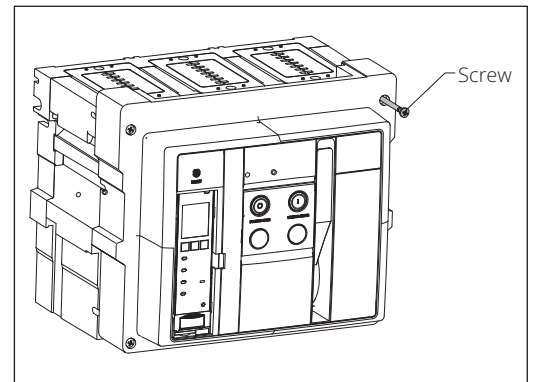


Figure 1. Step 1

Step 2: Mount the under (no) voltage release to the left inner side of the operating mechanism cover with the Phillips screwdriver and snap the under voltage module onto the right side of the manual operating mechanism cover, as shown in the figure.

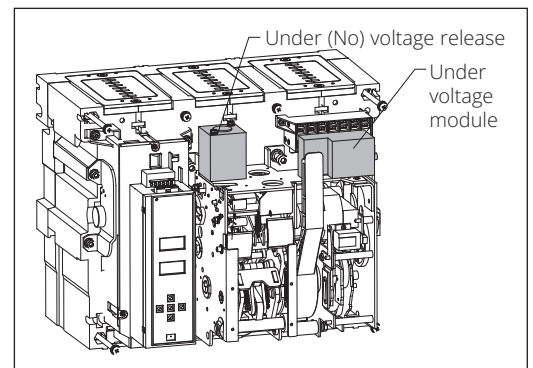


Figure 2. Step 2

Step 3: Connect the two conductors of the under (no) voltage release to Terminal 34 and 35 respectively.

Step 4: Put the cover back on.

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