

OTS/bell alarm in IZM low voltage circuit breakers

⚠ 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

An overcurrent trip switch (bell alarm) provides an electrical indication when a circuit breaker trips as a result of the trip unit reacting to an overcurrent condition. Opening as a result of a circuit breaker's manual open button, shunt trip, or undervoltage release does **not** cause the overcurrent trip switch to operate.

Section 2: Installation of OTS/bell alarm

To install the OTS/bell alarm, proceed with the following five steps:

Step 1: Remove the front cover by unscrewing the hex-head captive bolts (four for three-pole, six for four-pole) that join the cover to the breaker housing using a 10 mm 1/4-inch drive socket. Then hold the charge handle down to pull off the cover.

Step 2: Place the appropriate label on the front cover nameplate space located under "Accessories."

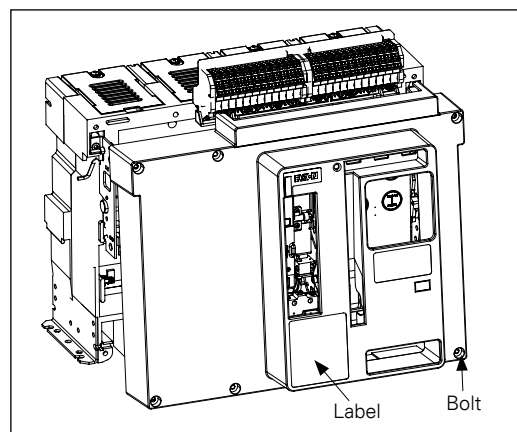


Figure 1. Steps 1 and 2

Step 3: With the red reset button in the forward position, mount the two switches using M2.5 x 20 mm self-tapping screws.

Step 4: Wire the switches blue plugs to secondary block, terminals 5 through 10, per markings on the wires.

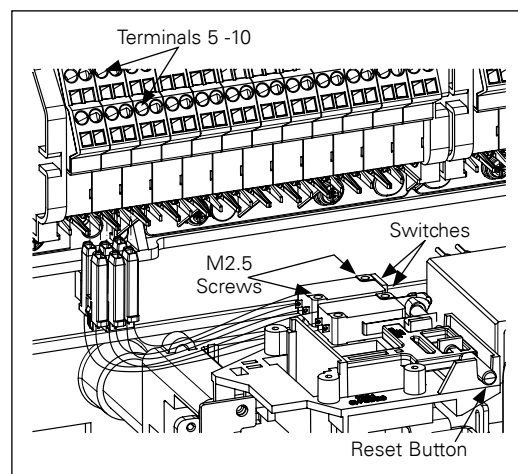


Figure 2. Steps 3 and 4

Step 5: Reinstall the front cover.

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