



# CENTERLINE<sup>®</sup> Motor Control Centers Install External Auxiliary Contact Adapter

Bulletin 2100 Series Q or Later Units and Bulletin 2400 Series D or Later Units with Cutler-Hammer Westinghouse Circuit Breakers (HMCP600, LD, HLD, LDC, MDL, HMDL, ND, HND, and NDC)

Catalog Number 2100H-N23

## Instructions

### Application

Use these instructions to install an external auxiliary contact adapter in Bulletin 2100 Series Q or later units and Bulletin 2400 Series D or later units with Cutler-Hammer Westinghouse Circuit Breakers (HMCP600, LD, HLD, LDC, MDL, HMDL, ND, HND, and NDC).

This auxiliary contact kit (2100H-N23) is to be used with the following auxiliary contacts: Catalog numbers 2100H-N19 or 2100H-N20.



**ATTENTION:** De-energize all power sources to the motor control center before installing auxiliary contact adapter. Failure to de-energize all power sources can result in severe injury or death.

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### Recommended Tools

socket set with extension, torque wrench

### Installation

Refer to Figure 1 and use the following steps to install external auxiliary contact adapter:

1. Make sure that all power has been disconnected. Turn operator handle to the OFF/O position.
2. Referring to Figure 1, verify parts list.
3. Attach the external auxiliary contact assembly to the mounting plate using two 1/4-20 thread-rolling screws. Torque to 55 lb-in (6.2 N-m). Refer to Figure 1.
4. Attach actuator to circuit breaker bail using two 1/4-20 thread-rolling screws. Position the actuator so the screws are centered in slots. Torque to 55 lb-in (6.2 N-m).
5. Install auxiliary contacts (Catalog Number 2100H-N19 or 2100H-N20) according to installation instructions in Publication 2100-5.31.
6. Turn operator handle to ON/I position to ensure that auxiliary contacts change state.
7. Check continuity to ensure proper operation of auxiliary contacts.

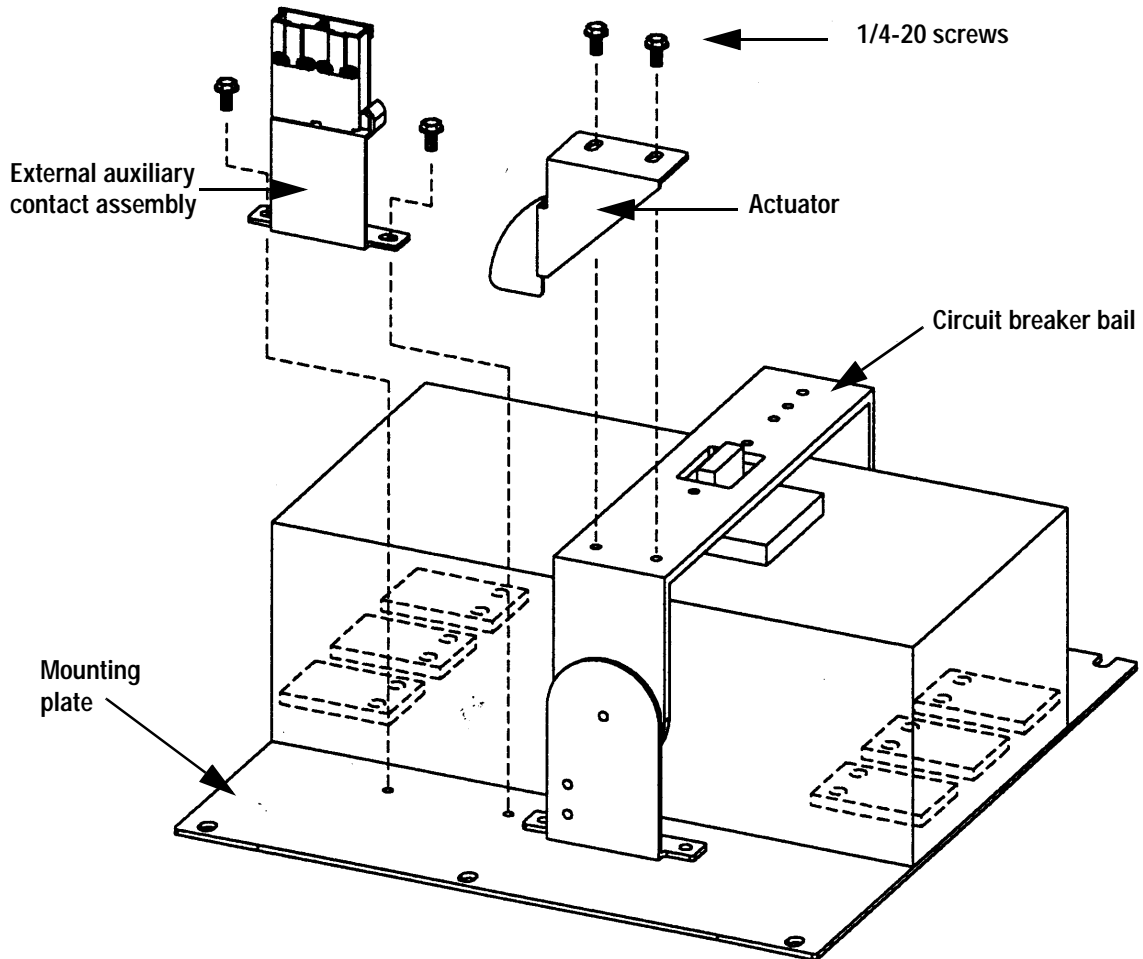
Figure 1

Parts List:

External auxiliary contact assembly

(4) 1/4-20 screws

(1) actuator



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