



CENTERLINE[®] Motor Control Centers External Auxiliary Contact Kit for 0.5 Space Factor Circuit Breaker Units

Catalog Numbers: 2100H-N18A, 2100H-N18B

Instructions

Application

Kits 2100H-N18A and 2100H-N18B contain parts to install external auxiliary contacts in units that:

- are a 0.5 space factor
- have one of the following Cutler-Hammer Westinghouse circuit breakers: GCH, GHC, GMCP, HMCP, FD, FDB, FDB-LFD, FDC, HFD, HMCP250, JD, JDC, HJD
- are Bulletin 2100 Series P or later, or Bulletin 2400 Series C or later



ATTENTION: De-energize all power sources before installing auxiliary contact. Failure to de-energize all power sources can result in severe injury or death.

Recommended Tools

Screwdrivers - Phillips head and flat head

Installation

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

NOTE: These external auxiliary contacts are actuated by the unit operating handle only, and will not reflect a circuit breaker trip.

1. Remove the unit from the section before attempting to install the auxiliary contacts. For instructions on removing the unit, refer to 2400-5.2, Installing Units With Horizontal Operating Handles, and reverse the order of the steps.
2. Referring to Figure 1, verify parts list.
3. Attach the external auxiliary contact assembly to the handle mounting plate using one #8-32 x .38 thread forming screw. Torque to 20 lb-in (2.2 N-m). Refer to Figure 1.
4. Attach actuator arm to handle operator link using two #8-32 x .38 thread forming screws.
5. Adjust the actuator arm by sliding it with the two #8-32 thread forming screws loosened, so that the auxiliary contacts operate before the circuit breaker contacts operate. Torque to 20 lb-in (2.2 N-m).
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 Assembly of External Auxiliary Contact Parts

