



# CENTERLINE<sup>®</sup> Motor Control Centers Installing or Removing External Auxiliary Contacts

Bulletin 2100 Series Q Units, Bulletin 2400 Series D Units  
(1.0 Space Factor or Larger) and Bulletin 1494F Enclosed NEMA  
Disconnect Switch

Catalog Numbers: 2100H-N19 or 1495-N30 and 2100H-N20 or  
1495-N31

## Instructions

### Application

Use these instructions to install or remove external auxiliary contacts in Bulletin 2100 Series Q units, Bulletin 2400 Series D units (1.0 space factor or larger) and Bulletin 1494F enclosed NEMA disconnect switches.

These auxiliary contact kits (2100H-N19 or 1495-N30 and 2100H-N20 or 1495-N31) are to be used with the following auxiliary contact adapter kits: Catalog numbers 2100H-N21 or 1495-N32, 2100H-N22, 2100H-N23, and 2100H-N24



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

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### Recommended Tools

Needle nose pliers, screw driver

### Installation

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

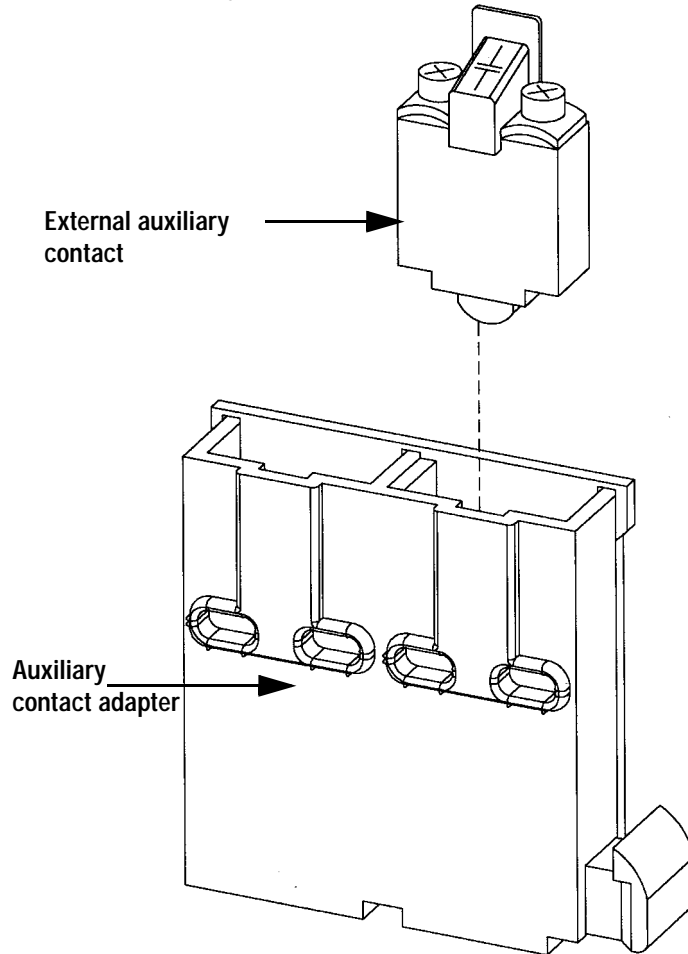
1. Make sure that all power has been disconnected.
2. Refer to Figure 1 for installation of auxiliary contacts and verify parts list.
3. To install: insert auxiliary contacts into adapter until locking tab engages into retaining notch. You will hear a click when contact is fully engaged. (Figure 1 shows correct placement of auxiliary contact into adapter kits)
4. Check continuity to ensure proper operation of auxiliary contacts.

Allen-Bradley PLCs

Figure 1

Parts List

External auxiliary contact



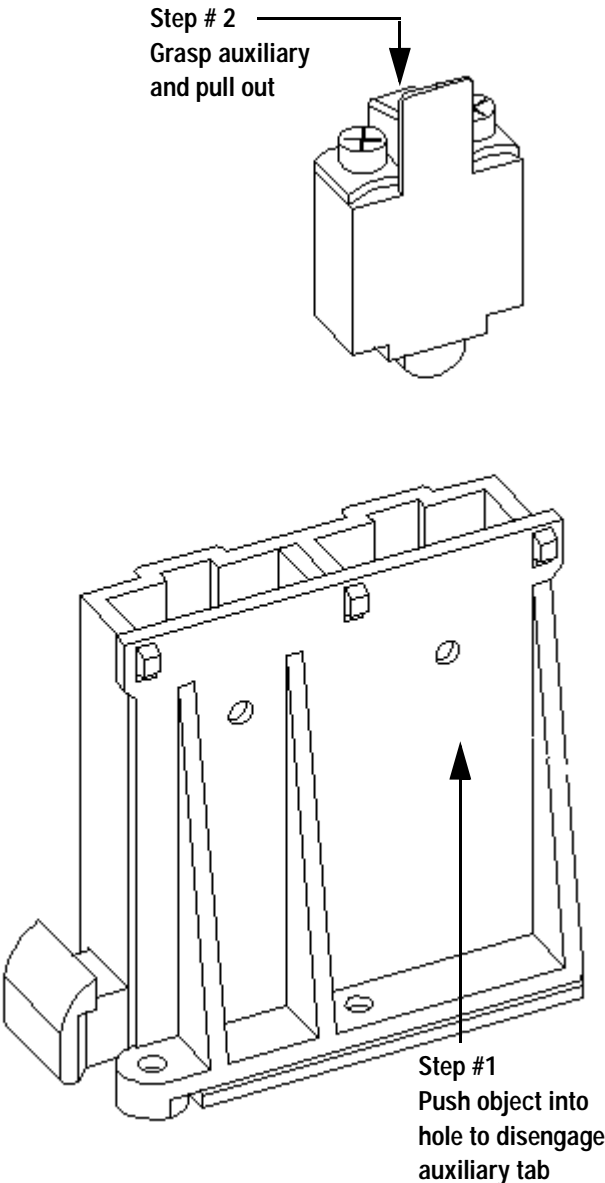
**ATTENTION:** De-energize all power sources before installing or removing external auxiliary contacts. Failure to de-energize all power sources can result in severe injury or death.

## Removal

Refer to Figure 2 and use the following steps to remove external auxiliary contacts:

1. Make sure that all power has been disconnected.
2. Unwire auxiliary contact.
3. Push object into hole to disengage auxiliary contact tab.
4. Grasp auxiliary contact with needle nose pliers and pull out.

Figure 2



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