

Instructions

January, 2013

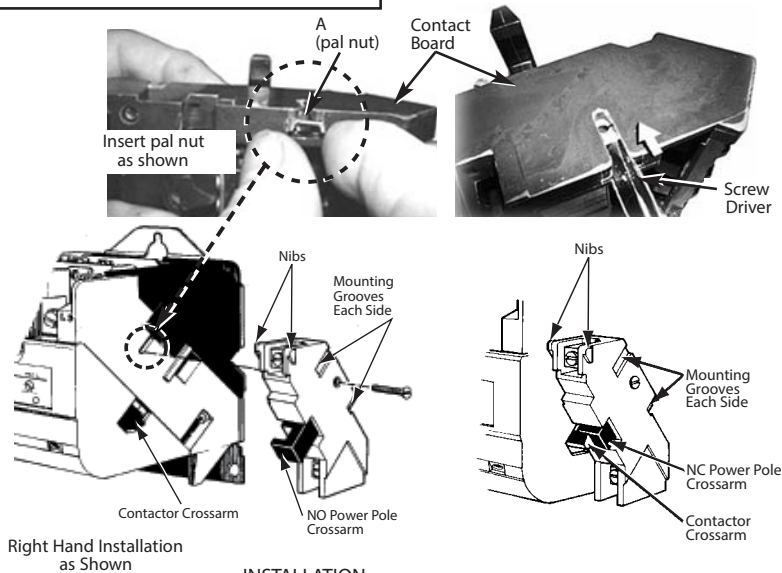
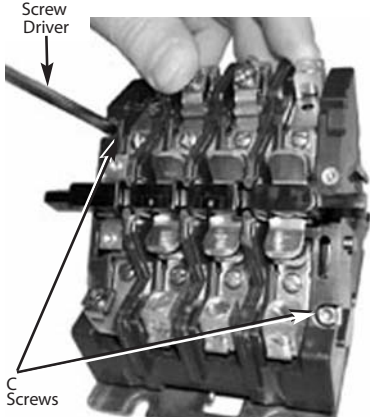
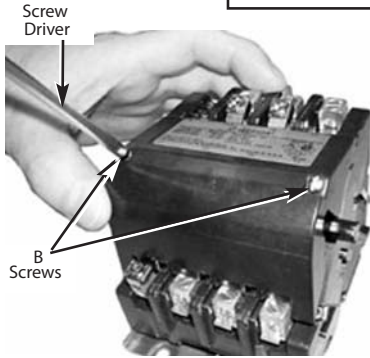
E87010-A0041-T003-A1-49SA

Auxiliary Power Pole
For Starters & Contactors Sizes 00 thru 1^{3/4}
Class 14 & 40
Cat. No. 49SAFO & 49SAFC

IMPORTANT

THESE INSTRUCTIONS DO NOT PURPORT TO COVER ALL DETAILS OR VARIATIONS IN EQUIPMENT, NOR TO PROVIDE FOR EVERY POSSIBLE CONTINGENCY TO BE MET IN CONNECTION WITH INSTALLATION, OPERATION OR MAINTENANCE. SHOULD FURTHER INFORMATION BE DESIRED OR SHOULD PARTICULAR PROBLEMS ARISE WHICH ARE NOT COVERED SUFFICIENTLY FOR THE PURCHASER'S PURPOSES, THE MATTER SHOULD BE REFERRED TO THE LOCAL SIEMENS SALES OFFICE.

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INSTALLATION

The auxiliary power pole can be mounted on either the right side (recommended) or modified to mount on the left side of the contactor. To convert the power pole for left side mounting, remove the cover screws, cover and pusher assembly. Rotate the pusher 180° and replace it so that it faces away from the cover side.

- Before the auxiliary power pole can be installed, check to see if the pal nut A is already installed into the contact board as illustrated. If the pal nut is already installed, skip to installation step 2. If not, continue with the following steps. Remove the contactor cover by loosening screws B. Loosen screws C, and remove the contact board (the control auxiliaries if any must be removed as well as any wiring connected to the line side of the contactor). Install the pal nut by pushing it all the way into the cavity with a screw driver on the side desired as illustrated.
- When mounting the auxiliary power pole on the right side of the contactor, secure the power pole to the contactor with the flat head machine screw. Use the round head machine screw if mounting the power pole on the left side of the contactor. Both types of screws are furnished with the kit.
- Position the power pole on the contactor, aligning the groove in the power pole with the ribs on the contactor arc box and the line side nib against the arc box face.
Note: The Innova Plus control has only one rib which aligns with the lower groove.
- Check the position of the power pole crossarm with respect to the contactor crossarm.
 - For a normally open power pole, the contactor crossarm must engage in the slot in the crossarm as shown in the figure detail.
 - For a normally closed power pole, the pole crossarm must align with the contactor crossarm.

DESCRIPTION

The auxiliary power pole attachment offers a convenient method of adding a fourth or fifth power contact to the NEMA contactor.

Use with Classes 14 and 40 NEMA contactors and starters. (sizes 00 through 1^{3/4}).

Rating: The normally open auxiliary power pole assumes the rating of the controller on which it is mounted up to (size 1^{3/4}). The normally closed auxiliary power pole rating is 25 Amp non-inductive.

Contents of kits:

The normally open auxiliary power pole kit, catalog No. 49SAFO, and the normally closed auxiliary power pole kit, catalog No. 49SAFC, each contain the applicable power pole plus one No. 6-32 flat head machine screw, No. 6-32 round head machine screw, and one pal nut.

	<p>WARNING</p> <p>Hazardous voltage. Can cause death, serious personal injury, or property damage.</p>
	<p>Disconnect power before working on this equipment.</p>

(For Engineering Reference Only - Rev. F)