

## Instructions

E87010-A0020-T003-A1

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Horizontal Mechanical Interlock  
 Innova Controllers 00, 0, 1, & 1 3/4  
 Class 22, 30, & 43  
 Cat. No. 49CCF22H & HP; 49EEF22H & HP

### Description

The horizontal mechanical interlock prevents simultaneous operation of the control units on which the interlock is mounted.

Use with reversing or multi-speed controllers comprised of sizes 00 through 1 3/4 Classes 14 and/or 40 Innova series control units. Kit catalog numbers 49CCF22H and 49CCF22HP are for sizes 00, 0 and 1 control units. Kit catalog number 49EEF22H and 49EEF22HP are for size 1 3/4 control units.

Contents of kits, catalog numbers 49CCF22H, 49CCF22HP, 49EEF22H, and 49EEF22HP:

- 1 A mechanical interlock
- 6 B size 10-32 x 7/16 inch long machine screws for kit with mounting panel only
- 1 C mounting panel for kits 49CCF22HP and 49EEF22HP only

Each kit contains jumper wires, some of which are equipped with terminals. The parts in the size 00 through 1 kits are identical to the parts in size 1 3/4 kits except the jumper wires.

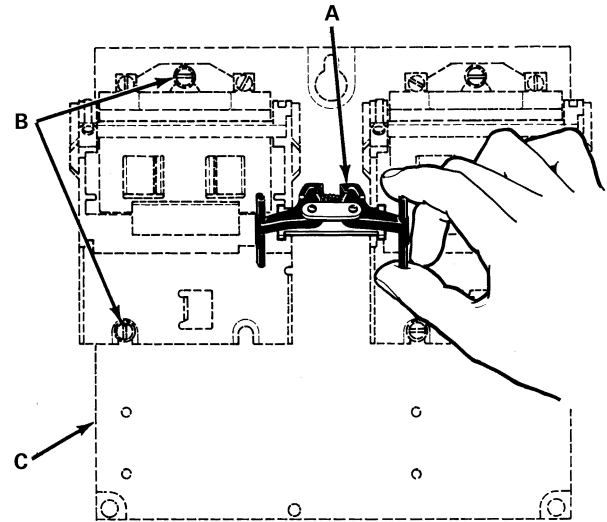


Figure 1

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

### Installation

In addition to the mechanical interlock, the use of normally closed electrical interlock kits is recommended to conform to standard wiring practices and NEMA standards.

If the kit has been purchased for replacement purposes, tag and remove power and load wires at the controller terminals.

1. For interlock kits without a mounting panel, drill and tap holes in your controller mounting panel per the drilling diagram on this instruction sheet. The mounting panel must meet the flatness requirements noted on the diagram.
2. The overload relay must be removed from a starter to install the interlock. Tag and disconnect any wires at the overload relay terminals. Loosen the three screws at the contactor load terminals (Figure 2). Tilt overload relay slightly to disengage the slot in the overload relay mounting plate from the contactor base. Pull the overload relay from the contactor.

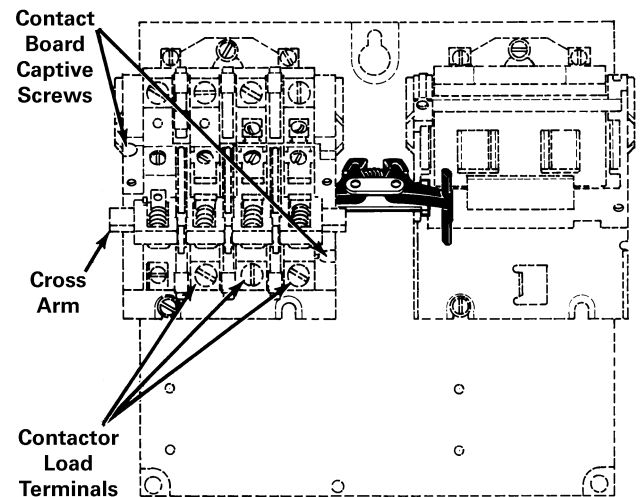


Figure 2

(For Engineering Reference Only - Rev. C)