

## C48 RELAY OUTPUT BOARD

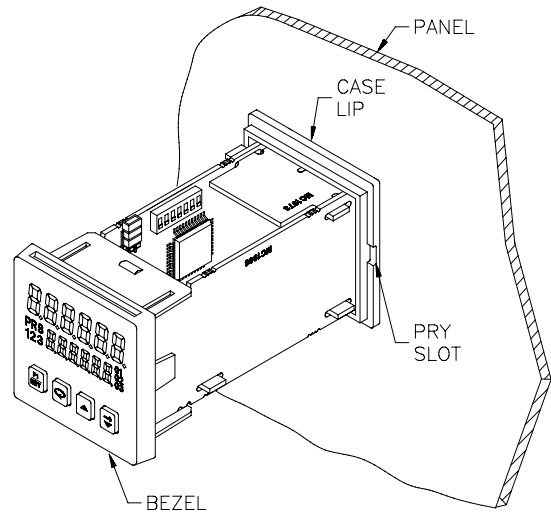
### Removing Unit Assembly



**Caution:** Disconnect power to the unit and to the output control circuits to eliminate the potential shock hazard when removing the entire unit or unit assembly.

The unit assembly, shown in the figure at right, must be removed from the case to replace the relay output board. To remove the unit assembly, insert a flat blade screwdriver into the pry slot on either side of the unit and twist the screwdriver handle until the unit is ejected enough to allow removal.

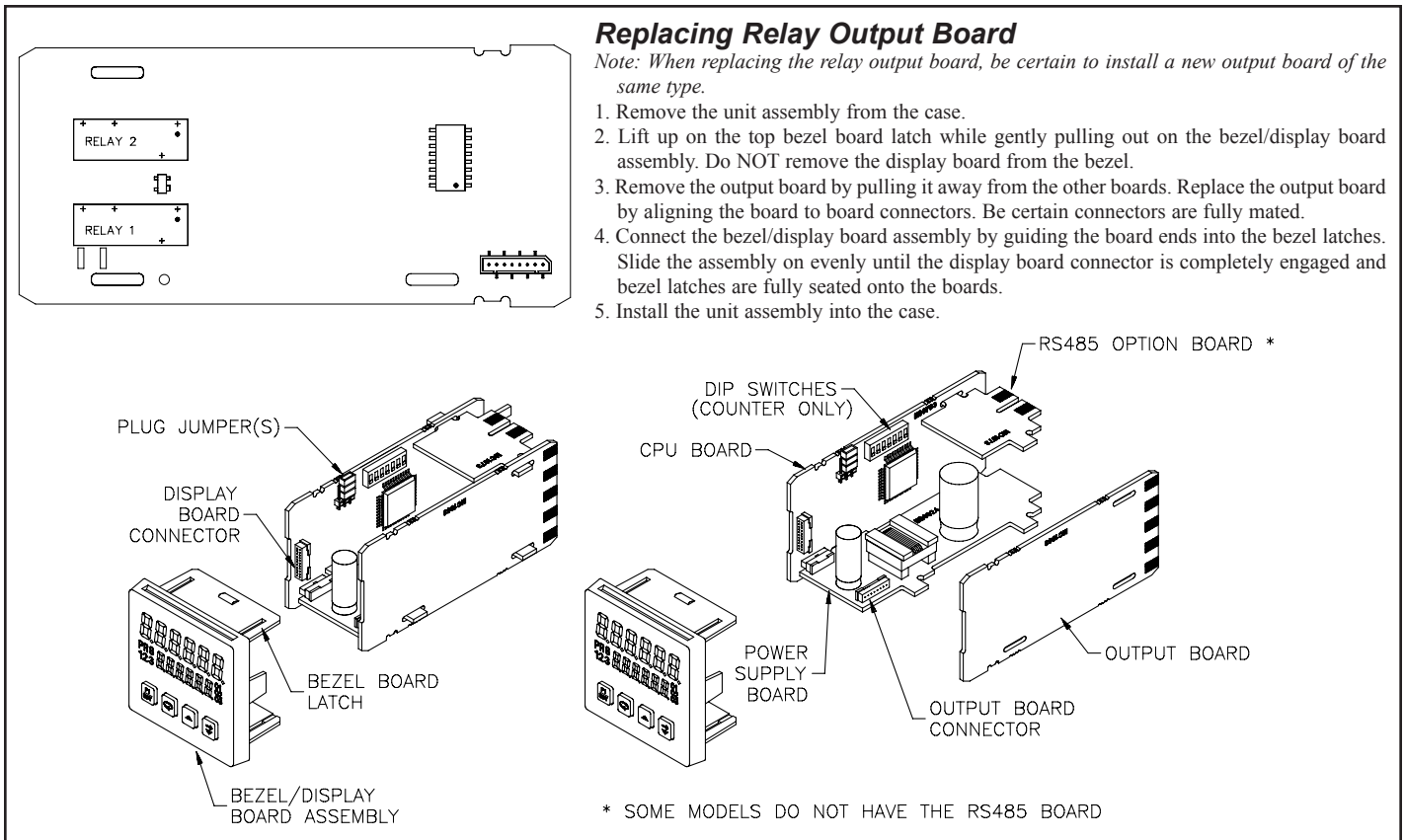
**Caution:** The unit assembly contains electronic circuits that can be damaged by static electricity. Before removing the assembly, discharge static charge on your body by touching an earth ground point. Whenever possible, handle the unit assembly by the bezel only. Additionally, when handling the circuit boards, be certain that hands are free from dirt, oil, etc., to avoid circuit contamination that may lead to malfunction. Avoid touching the large contact pads on the rear of the circuit boards. If it becomes necessary to ship the unit for repairs, place the unit in its case before shipping.



### Replacing Relay Output Board

**Note:** When replacing the relay output board, be certain to install a new output board of the same type.

1. Remove the unit assembly from the case.
2. Lift up on the top bezel board latch while gently pulling out on the bezel/display board assembly. Do NOT remove the display board from the bezel.
3. Remove the output board by pulling it away from the other boards. Replace the output board by aligning the board to board connectors. Be certain connectors are fully mated.
4. Connect the bezel/display board assembly by guiding the board ends into the bezel latches. Slide the assembly on evenly until the display board connector is completely engaged and bezel latches are fully seated onto the boards.
5. Install the unit assembly into the case.



### Installing Unit Assembly

To install the unit assembly, insert the assembly into the case until the bezel is fully seated against the case lip. Properly installing the unit assembly is necessary for watertight front panel sealing.

### ORDERING INFORMATION

MODEL NO.	DESCRIPTION	NPN O.C. OUTPUT	PNP O.C. OUTPUT	RELAY OUTPUT(S)	PART NUMBER
RBC48	Single Preset	Yes	No	Yes	RBC48001
		No	Yes	Yes	RBC48002
	Dual Preset	No	No	Yes	RBC48003
	Batch Counter	Yes	No	Yes	RBC48004
		No	Yes	Yes	RBC48005