

Micro Control Systems

APPLICATION NOTE

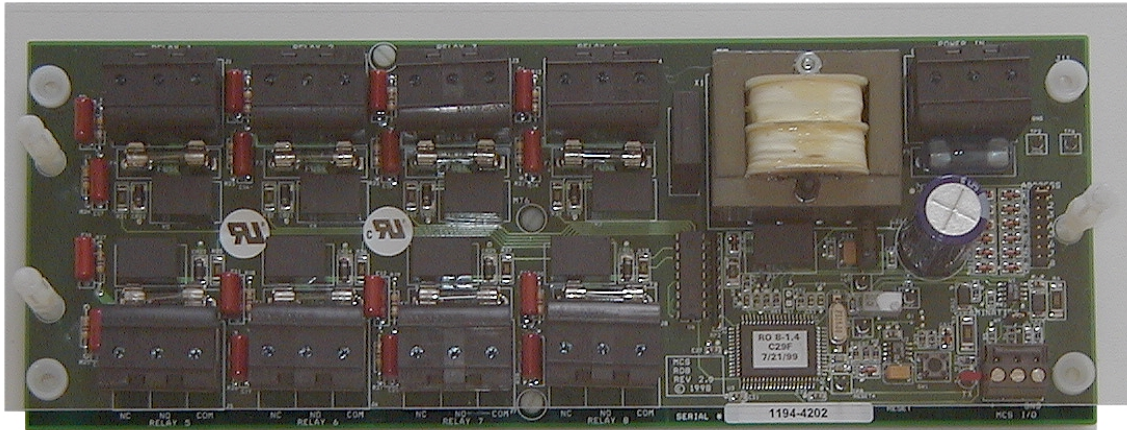
APP-054

Replacing a MCS-RO8 board with an MCS-RO10 board.

Revision History

Date	Author	Description
09/09/09	EAC	Create initial version

1. The MCS-RO8 and MCS-RO10 are mounted exactly the same and have the same dimensions.

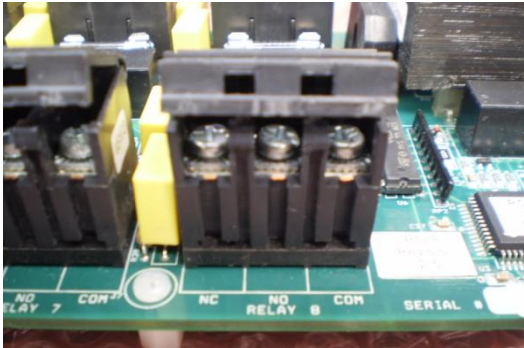


MCS-RO8

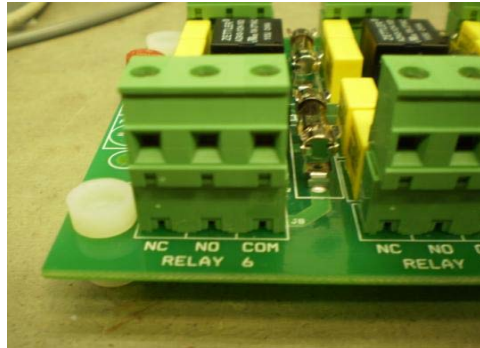


MCS-RO10

2. The terminal blocks have changed from a black magnum block to a green tyco block.



MCS-RO8 Relay Output



MCS-RO10 Relay Output

3. When changing the wiring from a MCS-RO8 to a MCS-RO10 nothing should change. Wire the common, NO, and NC of relay 1 on the RO-8 to relay 1 on the MCS-RO10 and do the same for all the relays.
4. If you are replacing a MCS-RO8 with a MCS-RO10 the last two relays (9 and 10) on the MCS-RO10 will not be used.
5. Set the address jumper on the MCS-RO10 to match the address of the MCS-RO8 you are replacing.
6. On the MCS-RO10 we have added a voltage selector switch that allows you to choose between 115V or 230V AC input. Be sure to set the switch to the correct position before powering the board. Never move the switch while power is applied to the board.

