G.A.L. Manufacturing Corporation
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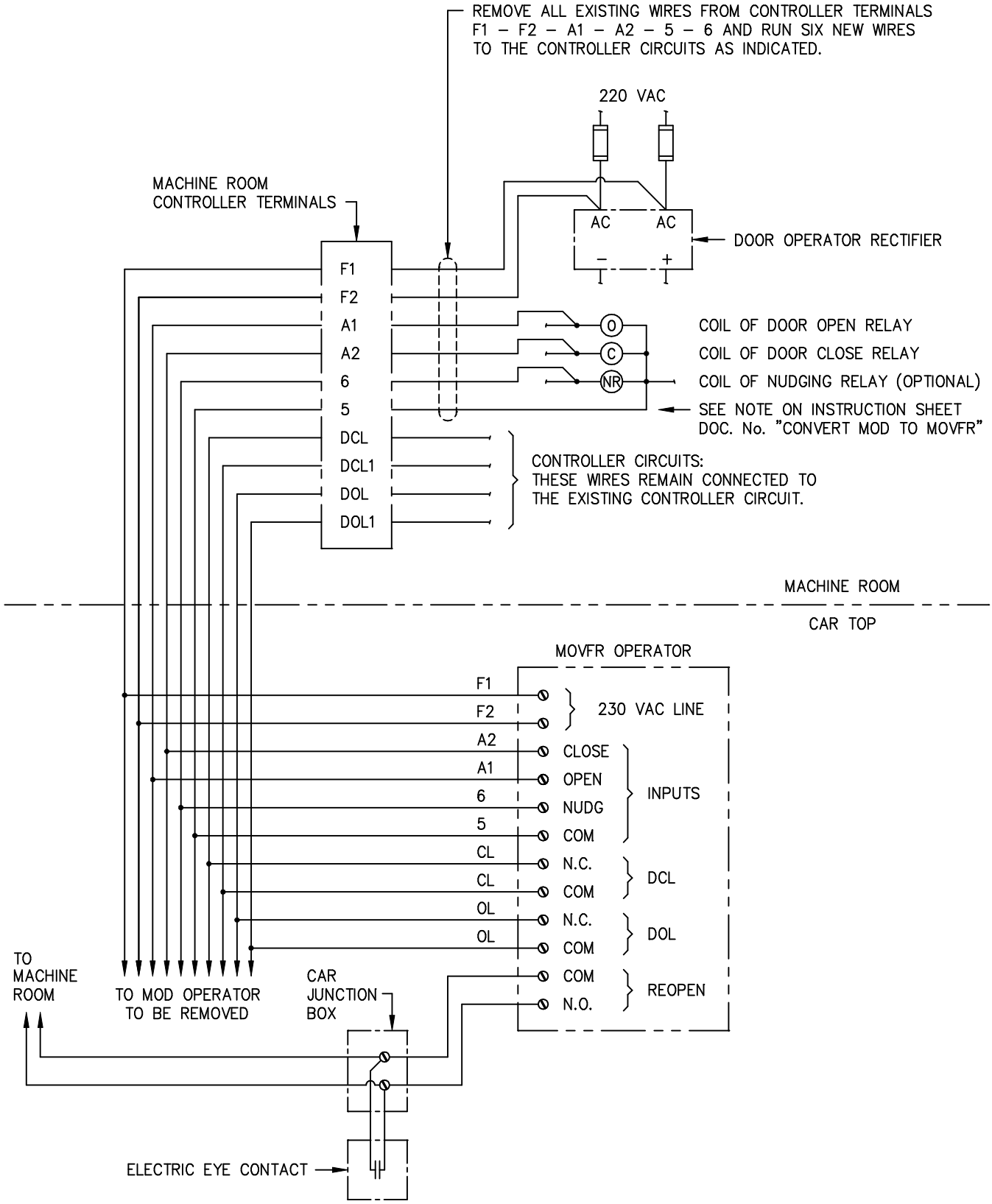
HOW TO CONNECT THE G.A.L. MOVFR OPERATOR IN PLACE OF THE G.A.L. MOD OPERATOR

The MOVFR door operator requires a minimum of 4 and a maximum of 6 input wires (two 220 volt power supply input wires and 2 to 4 input signal wires depending on the type of input signals used).

The MOD operator requires from 4 to 6 wires labeled F1, F2*, A1, A2, 5, 6. these wires can be reused by reconnecting them to the machine room controller and the MOVFR operator.
Use the following instructions along with wiring diagram no. 8070:

1. Wires F1 and F2* can be used to provide the 220 volt AC power. Remove these wires from their present machine room terminals and reconnect them to the AC side of the machine room door operator rectifier making sure that it measures 200 to 230 volts AC. Connect the car top wires to the 230 VAC LINE terminals.
2. Wires A1 and A2 can be used for the open and close signals with wire 5 serving as the common. Remove these wires from their present machine room terminals. Reconnect A1 to one side of the existing open relay coil and A2 to one side of the existing close relay coil making sure that these have the same polarity. Reconnect 5 to the common side of the coils. Connect the car top A1 wire to the OPEN input terminal, A2 wire to the CLOSE input terminal and 5 wire to the COM input terminal. Note this will not work unless the open and close relay coils share the same common**.
3. Wire number 6 can be used for the nudging signal, when available. Remove this wire from its present machine room terminal and reconnect it to one side of the existing nudging relay coil making sure that it has the same polarity as the open and close relay coils. Connect the car top 6 wire to the NUDG input terminal. Note this will not work unless the nudging relay coil shares the same common as the open and close relay coils**.
4. The door limits (DOL & DCL) connect to the same machine room wires as before.
5. The REOPEN terminals can be connected directly to the electric eye contact on the car top. If these terminals are connected across the electric eye contact, the door will reopen automatically if it encounters an obstruction that does not activate the electric eye.

* If wire F2 is not available, use wire number 6 or use a spare travel cable wire.
** If the open, close and nudging relays do not share the same common wire, then the coil voltage cannot be used as input signals. The input signals must then come from isolated contacts of those relays and connected as shown on the door operator wiring diagram DWG NO. 8032.



REV	DESCRIPTION	DATE	ECN

G.A.L. MANUFACTURING CORP.
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WIRING DIAGRAM FOR ADAPTING MOD OPERATOR CIRCUITS TO THE MOVFR OPERATOR

DRAWN BY	GAVIRIA A.	DATE	9–27–00
ENGINEER	GDC	SHEET	OF
SCALE	NONE	SIZE	
PART No.			REV
DOCUMENT No.	8070		