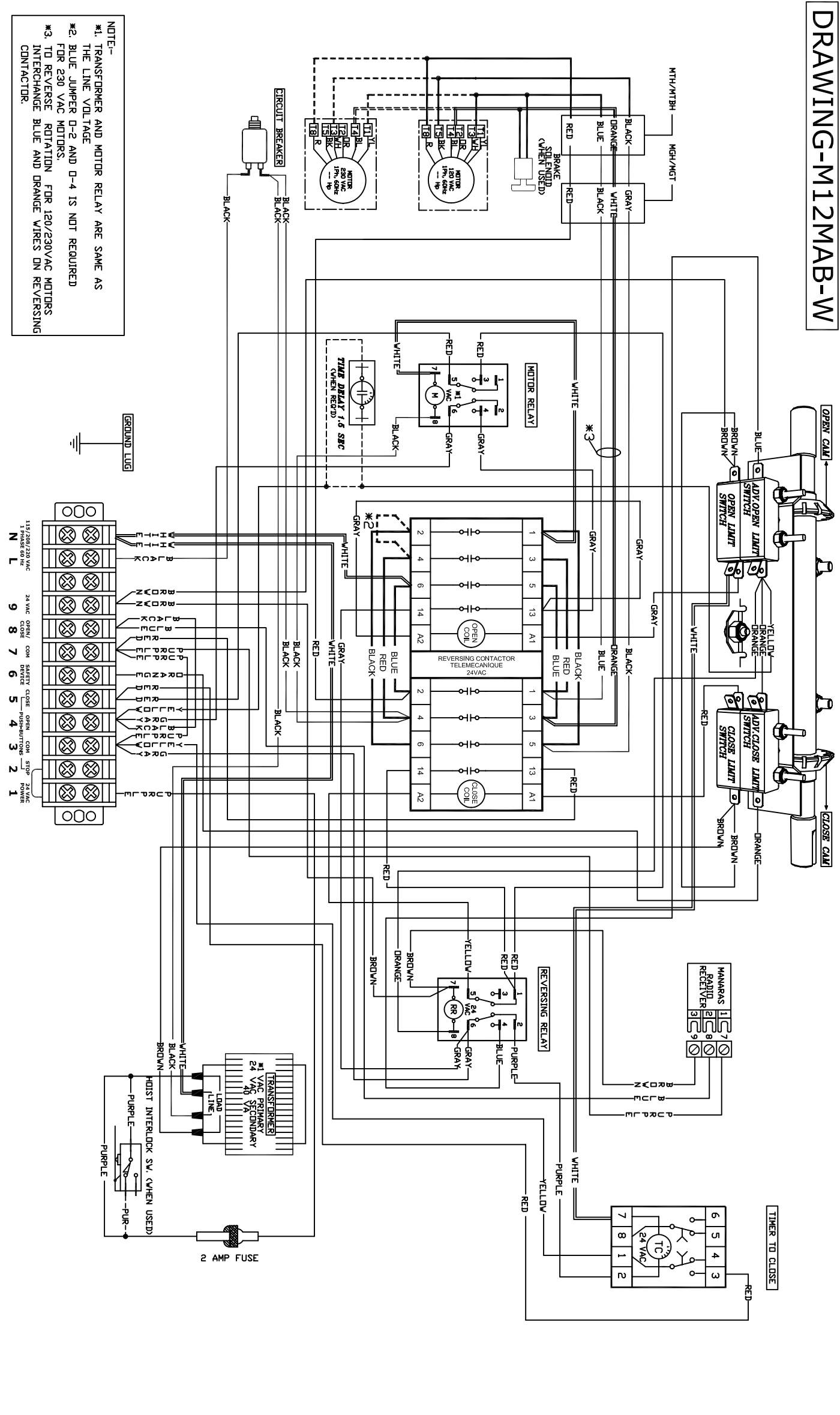


# DRAWING-M12MAB-W



NOTE:-  
 \*1. TRANSFORMER AND MOTOR RELAY ARE SAME AS THE LINE VOLTAGE  
 \*2. BLUE JUMPER D-2 AND D-4 IS NOT REQUIRED FOR 230 VAC MOTORS.  
 \*3. TO REVERSE ROTATION FOR 120/230VAC MOTORS INTERCHANGE BLUE AND DRANGE Wires ON REVERSING CONTACTOR.

LINE POWER	24 VAC POWER	EXTERNAL INTERLOCK	SAFETY REVERSE	OPEN DOOR DEVICE	PUSH-BUTTON STATION	TWO PUSH-BUTTON STATION	RADIO CONTROL
L N	1 9	1 2	3 6	7 8	2 3 4 5	2 3 4 5	7 8 9
POWER SUPPLY 115/208/230 VAC 1 Ph, 60 Hz.	24 VAC POWER AVAILABLE 10VA MAX.	FACTORY INSTALLED JUMPER REMOVE IF EXT. INTERLOCK IS USED.	CONTACT FOR SAFETY EDGE/SAFETY DEVICE	CONTACT FOR OPEN DOOR DEVICE.			RADIO RECEIVER

<p>WIRING DIAGRAM FOR MGH/MGT/MTB/MTBH 120/230 VAC, 1 PHASE MOTORS</p>	
TITLE	M12MAB-W
PROJECT	DES BP E
CLIENT	REV 12. FEB. 2007
ENGINEER	
DISTRIBUTOR	
<p>MANARAS-OPERA                  136 ONEIDA DRIVE                  POINTE-CLAIRE, QC H9R 1A8                  TEL.: 1-800-361-2260                  FAX: 1-888-626-0606</p>	

ON SITE MODIFICATIONS  
 1 CONSTANT PRESSURE CLOSE

1. REMOVE THE RED WIRE FROM TERMINAL # 7 AND PLACE IT ON TERMINAL # 5

2 CONSTANT PRESSURE OPEN  
 1. REMOVE THE RED WIRE FROM TERMINAL # 3 AND PLACE IT ON TERMINAL # 4

3 WIRING FOR INSTANT STOP (ON SAFETY EDGE OR DEVICE)  
 1. REMOVE THE YELLOW WIRE FROM ADV. OPEN LIMIT SWITCH, AND CAP IT.  
 2. REMOVE THE BLUE WIRE FROM PIN # 4 OR REVERSING RELAY(RR) AND CAP IT.

4 ADDING A TIME DELAY ON REVERSE C/W TIMER TO CLOSE  
 1. REMOVE THE YELLOW WIRE FROM ADV. OPEN L.S. DRANGE WIRE TO ONE END OF TIME-DELAY.  
 2. FROM OTHER END OF THE TIME-DELAY CONNECT BACK TO ADV. OPEN LIMIT SWITCH.  
 3. REMOVE THE BLACK JUMPER FROM TERMINAL #4 AND #8.  
 4. MAKE A NEW WIRE FROM TERMINAL #8 AND CONNECT TO PIN #8 OF RR RELAY.  
 T.D. MODULE

5 CONSTANT PRESSURE OPEN & CLOSE - D1  
 PERFORM THE MODIFICATION EXPLAINED IN THE NOTES, 1 2 AND 3

6 ANY OTHER OPTIONS  
 FOR ANY OTHER OPTIONS LIKE TIMER TO CLOSE, MID-STOP WIRING LONG DISTANCE MODULE, OR ANY OTHER SPECIAL LOGIC SEQUENCE PLEASE CONSULT MANARAS/OPERA.

