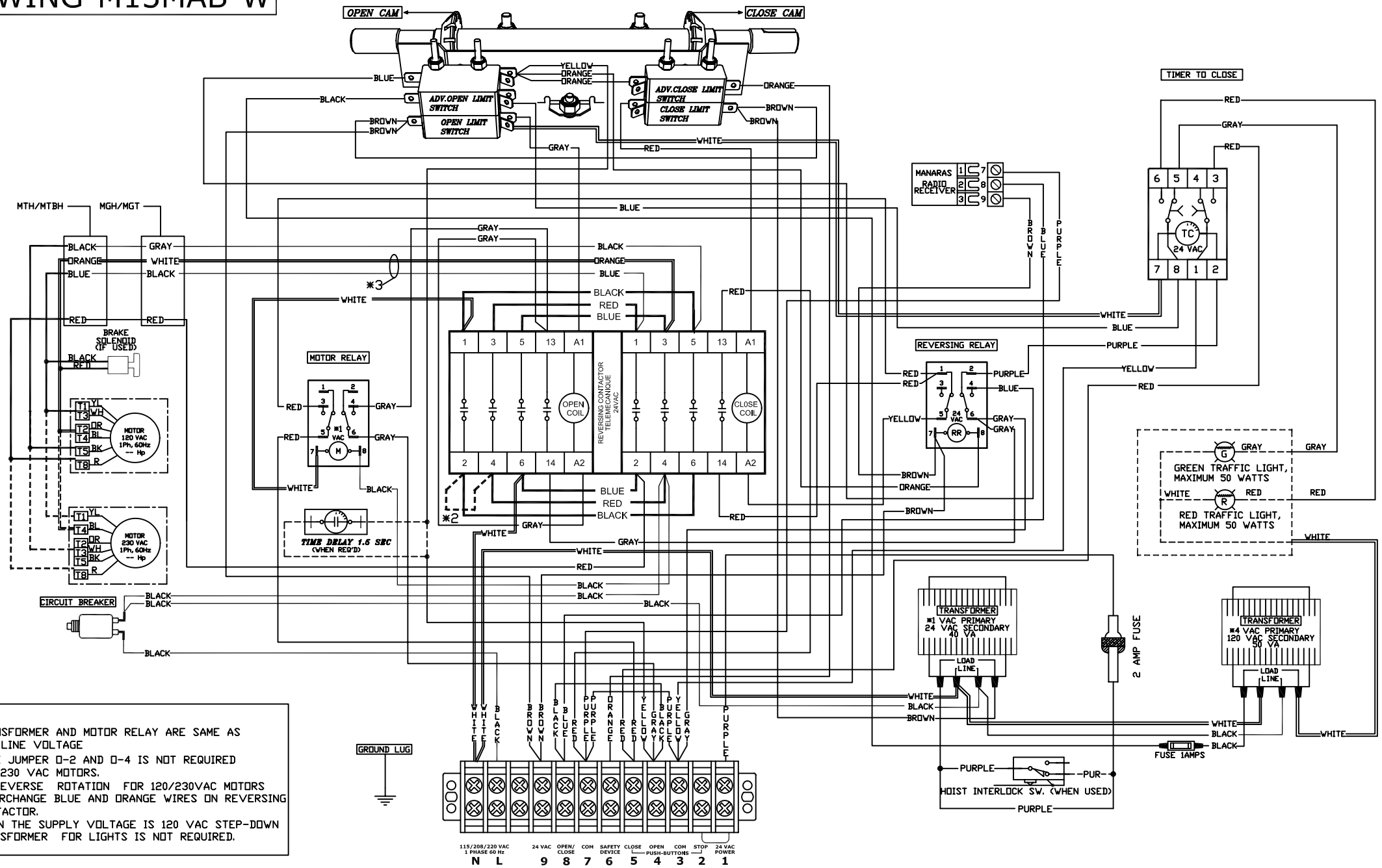
DRAWING-M13MAB-W



NOTE:-
- *1. TRANSFORMER AND MOTOR RELAY ARE SAME AS THE LINE VOLTAGE
- *2. BLUE JUMPER 0-2 AND 0-4 IS NOT REQUIRED FOR 230 VAC MOTORS.
- *3. TO REVERSE ROTATION FOR 120/230VAC MOTORS INTERCHANGE BLUE AND ORANGE WIRES ON REVERSING CONTACTOR.
- *4. WHEN THE SUPPLY VOLTAGE IS 120 VAC STEP-DOWN TRANSFORMER FOR LIGHTS IS NOT REQUIRED.

ON SITE MODIFICATIONS

1 CONSTANT PRESSURE CLOSE

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

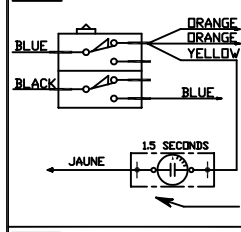
2 CONSTANT PRESSURE OPEN

1. REMOVE THE GRAY 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 LIMIT SWITCH, CONNECT THIS 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.

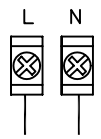
5 CONSTANT PRESSURE OPEN & CLOSE- D1

PERFORM THE MODIFICATION EXPLAINED IN THE NOTES, 1 2 AND 3

6 ANY OTHER OPTIONS

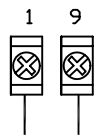
FOR ANY OTHER OPTIONS LIKE, TIMER TO CLOSE, MID-STOP WIRING, LONG DISTANCE MODULE, OR ANY OTHER SPECIAL LOGIC SEQUENCE PLEASE CONSULT MANARAS/OPERA.

LINE POWER



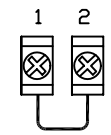
POWER SUPPLY 115/208/220 VAC 1 Ph, 60 Hz.

24 VAC POWER



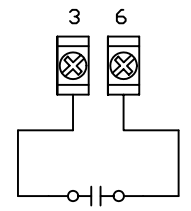
24 VAC POWER AVAILABLE 10VA MAX.

EXTERNAL INTERLOCK



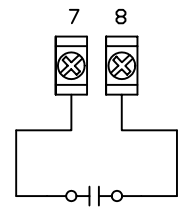
FACTORY INSTALLED JUMPER REMOVE IF EXT. INTERLOCK IS USED.

SAFETY REVERSE



CONTACT FOR SAFETY EDGE/SAFETY DEVICE

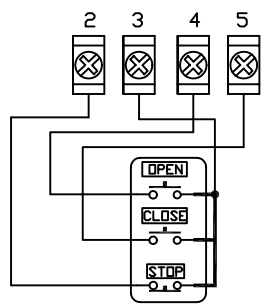
OPEN DOOR DEVICE



CONTACT FOR OPEN DOOR DEVICE.

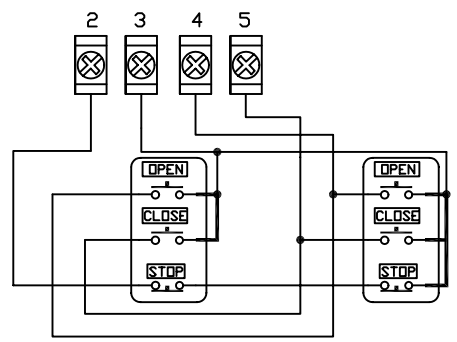
ATTENTION- USE 18AWG OR HIGHER FOR WIRING ALL EXTERNAL CONNECTIONS

PUSH-BUTTON STATION

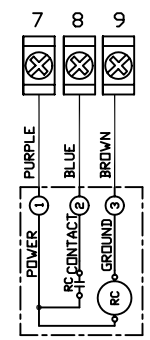


NOTE- PLACE A JUMPER BETWEEN TERMINAL 2 AND TERMINAL 3. IF STOP BUTTON IS NOT USED.

TWO PUSH-BUTTON STATION



RADIO CONTROL



RADIO RECEIVER

WIRING DIAGRAM FOR, MGH/MGT/MTH/MTBH 120/230 VAC, 1 PHASE MOTORS

TITLE	DES	REV	DATE
M13MAB-W	BP	E	12. FEB. 2007

PROJECT

CLIENT

ENGINEER

DISTRIBUTOR

MANARAS-OPERA
136 ONEIDA DRIVE
POINTE-CLAIRE, QC H9R 1A8
TEL: 1-800-361-2260
FAX: 1-888-626-0606