



WARNING
TO AVOID EMI INTERFERENCE DO NOT RUN POWER WIRES AND CONTROL WIRES IN THE SAME CONDUIT.

ROTARY SWITCH SETTINGS

WIRING TYPES

0 C2 WIRING

1 B2 WIRING

2 D1 WIRING

3 E2 WIRING

4 T WIRING

5 TS WIRING

PROGRAM SETTINGS

6 MID-STOP TIMER TO CLOSE

8 WARNING LIGHT TIMER

9 SBC SINGLE BUTTON CONTROL

B TIMER TO CLOSE

C MID-STOP

D RUN-TIMER

NOTE:-
FOR ROTARY SWITCH SETTINGS AND PROGRAMMING PROCEDURES, REFER TO INSTRUCTION MANUAL

EXTERNAL WIRING

LINE POWER	EXTERNAL INTERLOCK	SAFETY REVERSE	OPEN/CLOSE COMMAND	3-POSITION KEY SW. W/SPRING RETURN TO CENTRE	SINGLE PUSH-BUTTON STATION	TWO PUSH-BUTTON STATION	LOOP DETECTOR
<p>POWER SUPPLY 208 VAC 1 PH, 60 Hz.</p>	<p>FACTORY INSTALLED AMPER. REMOVE IF EXT. INTERLOCK IS USED.</p>	<p>CONTACT FOR SAFETY DEVICE</p>	<p>CONTACT FOR OPEN/CLOSE DOOR DEVICE.</p>	<p>KEY-SWITCH</p>	<p>CAUTION PLACE A JUMPER BETWEEN TERMINAL #8 AND #9, IF STOP BUTTON IS NOT USED.</p>		<p>CONTACT FOR OPEN DOOR DEVICE. (LOOP DETECTOR)</p>

WARNING

① - USE 18AWG OR HIGHER FOR WIRING ALL EXTERNAL CONNECTIONS

② - MOTORISED DOORS CAN CAUSE SERIOUS INJURIES OR DEATH. MANARAS STRONGLY RECOMMENDS THE USE OF ENTRAPMENT PROTECTION SYSTEMS. ESPECIALLY IN THE CASE OF MOMENTARY CONTACT TO CLOSE AS IN B2 WIRING

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TITLE: SPECIAL WIRING DIAGRAM, VFD- 1-PH, 240 VAC
 DRAWN BY: BP DATE: 24 APR 2010 CAD FILE: EDWG14070VFD08 REV: B DATE: 02 OCT 2020
 MANARAS-OPERA
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ON BOARD JUMPER SETTINGS

DISCONNECT SWITCH	
PRESENT	NOT PRESENT
JP4 1,2	2,3
JP2 2,3	

MONITORED PHOTOCELL

NOTE
FUNCTIONAL ONLY WITH M7-XX SOFTWARE
NOT FUNCTIONAL WITH E7-XX SOFTWARE