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Document—

Instructions for Kit KDHJ2NHW01: Hydraulic Pump Circuit Retrofit

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1. Tools Required

1. Retrofit kit KDHJ2NHW01
2. Flat blade screwdriver

2. Kit Contents

1. Three lengths of wire, P/N#09VS3C18RD, wire #998
2. Two wire caps, P/N 09B067
3. One connector removal tool P/N 98R400C08

3. Procedure

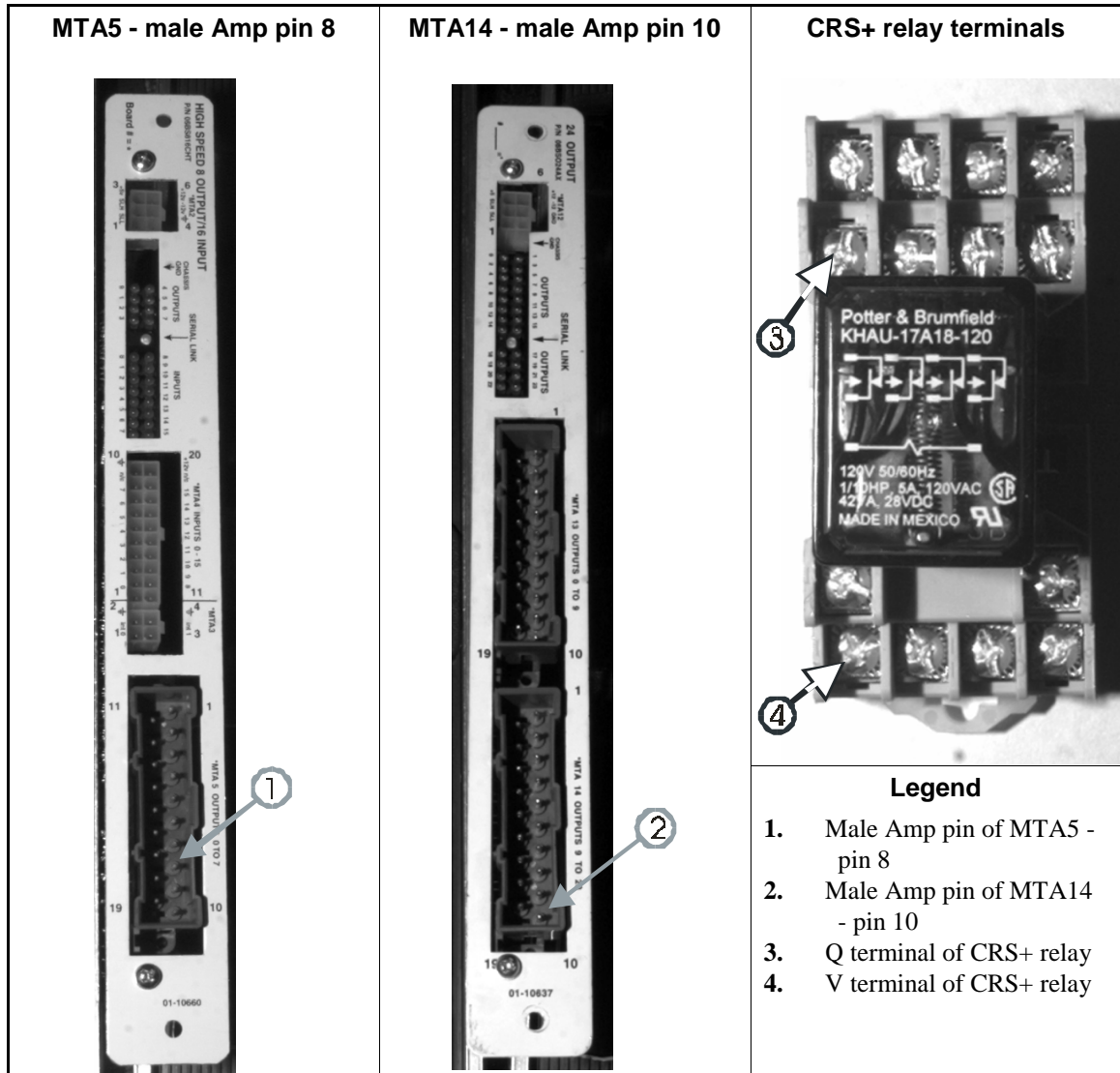


WARNING 1: **Electrocution and Electrical Burn Hazards**—Contact with high voltage will electrocute or burn you. Power switches on the machine and the control box do not eliminate these hazards. High voltage is present at the machine unless the main machine power disconnect is off.

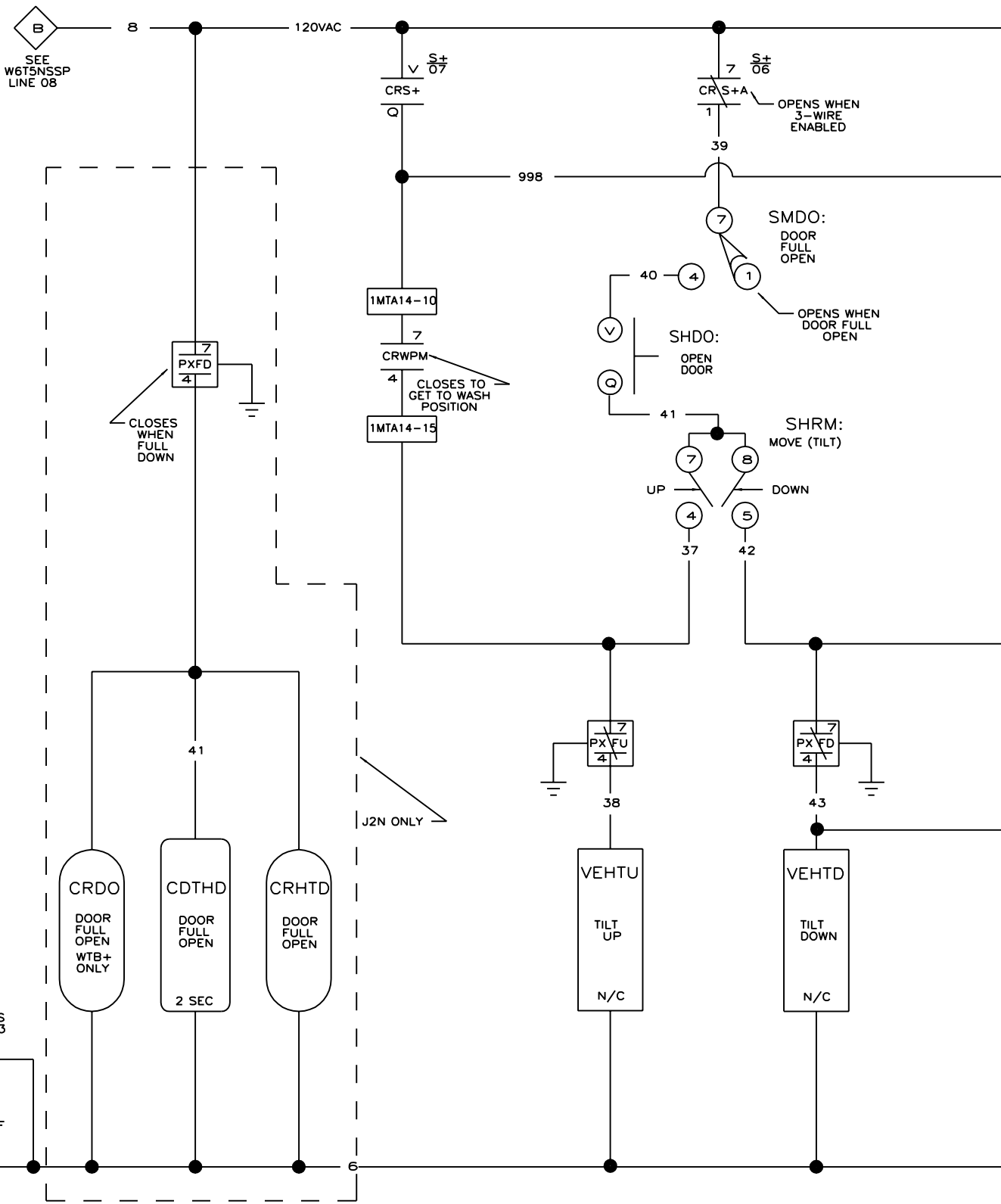
- Lock out and tag out power at the main machine disconnect before servicing, or in accordance with factory service procedures.
- Do not service machine unless qualified and authorized.

1. Lock out and tag out power at the wall disconnect.
2. Locate terminal strip 8 on TBA and relay CRS+ (see items 1 and 2, Figure 1).
3. The kit contains three lengths of wire. One wire is bare at both ends. Use this wire in the next step.
4. Run wire from terminal strip 8 to the V terminal on relay CRS+ (item 4, Figure 2).
5. Locate the following input/output board connectors: MTA5 and MTA14 (Figure 1).
6. Locate female Amp pin 8 in the MTA5 plug (item 1, Figure 2). The male side of this connection is shown in Figure 2. Use the extractor tool in the kit to push the female Amp pin out of the plug. Cut the female pin off and cap the wire end.
7. Locate female Amp pin 10 in the MTA14 plug (item 3, Figure 2). The male side of this connection is shown in Figure 2. Use the extractor tool to push the female Amp pin out of the plug. Cut the female pins off and cap the wire end.
8. On the two remaining lengths of wire, one end of each wire is bare, the other end is fitted with a female Amp pin.
9. Using one of these wires, push the female Amp pin into the now empty pin 8 socket of plug MTA5.
10. Push the female Amp pin of the other wire into the now empty pin 14 socket of plug MTA14.
11. Connect the bare ends of both wires to the Q terminal of CRS+ (item 3, Figure 2).

Figure 2: Details of the MTA boards and Relay CRS+



RGA10



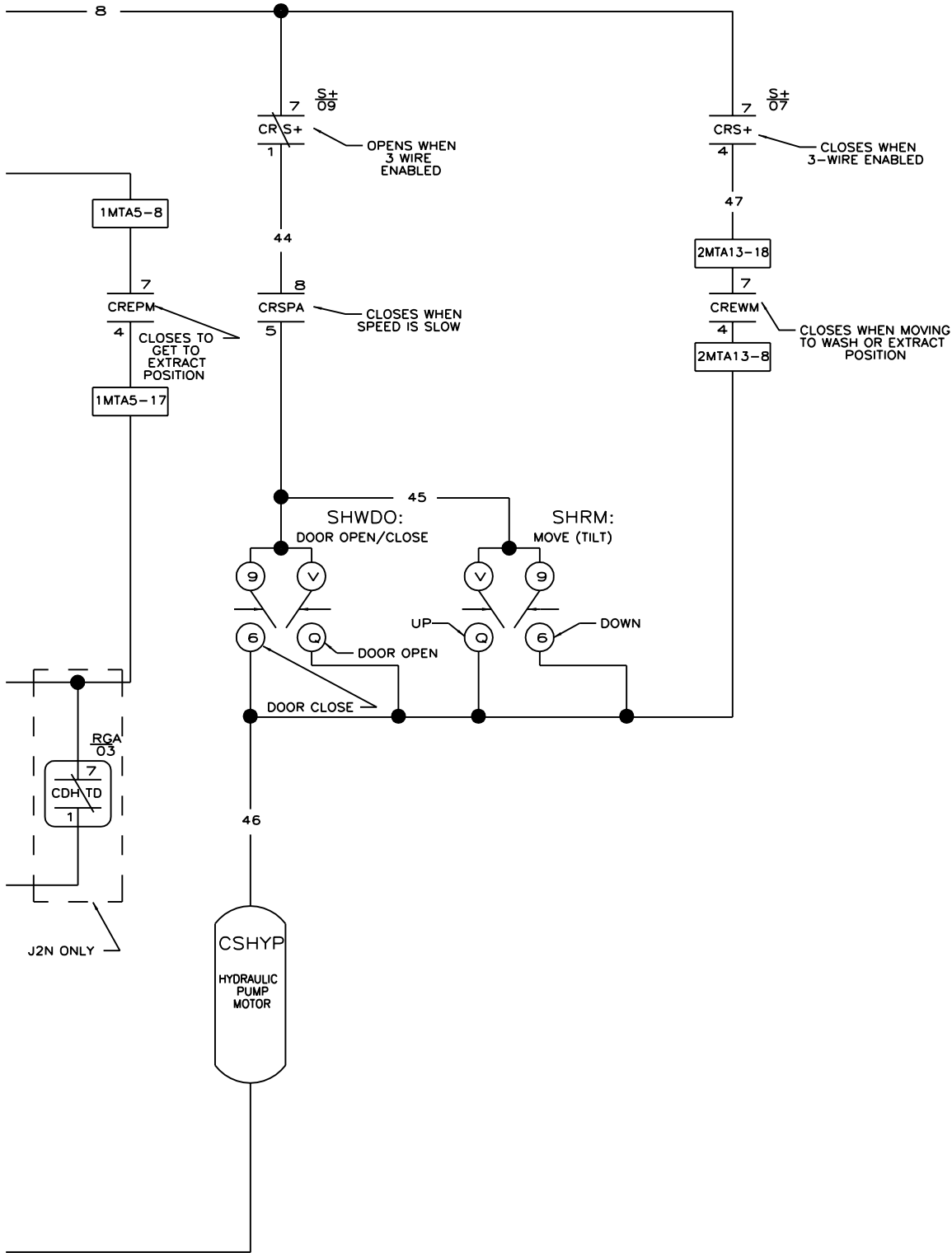
SEE W6T5NSPS LINE 05,09,13

A

SEE W6T5NSCF LINE 01

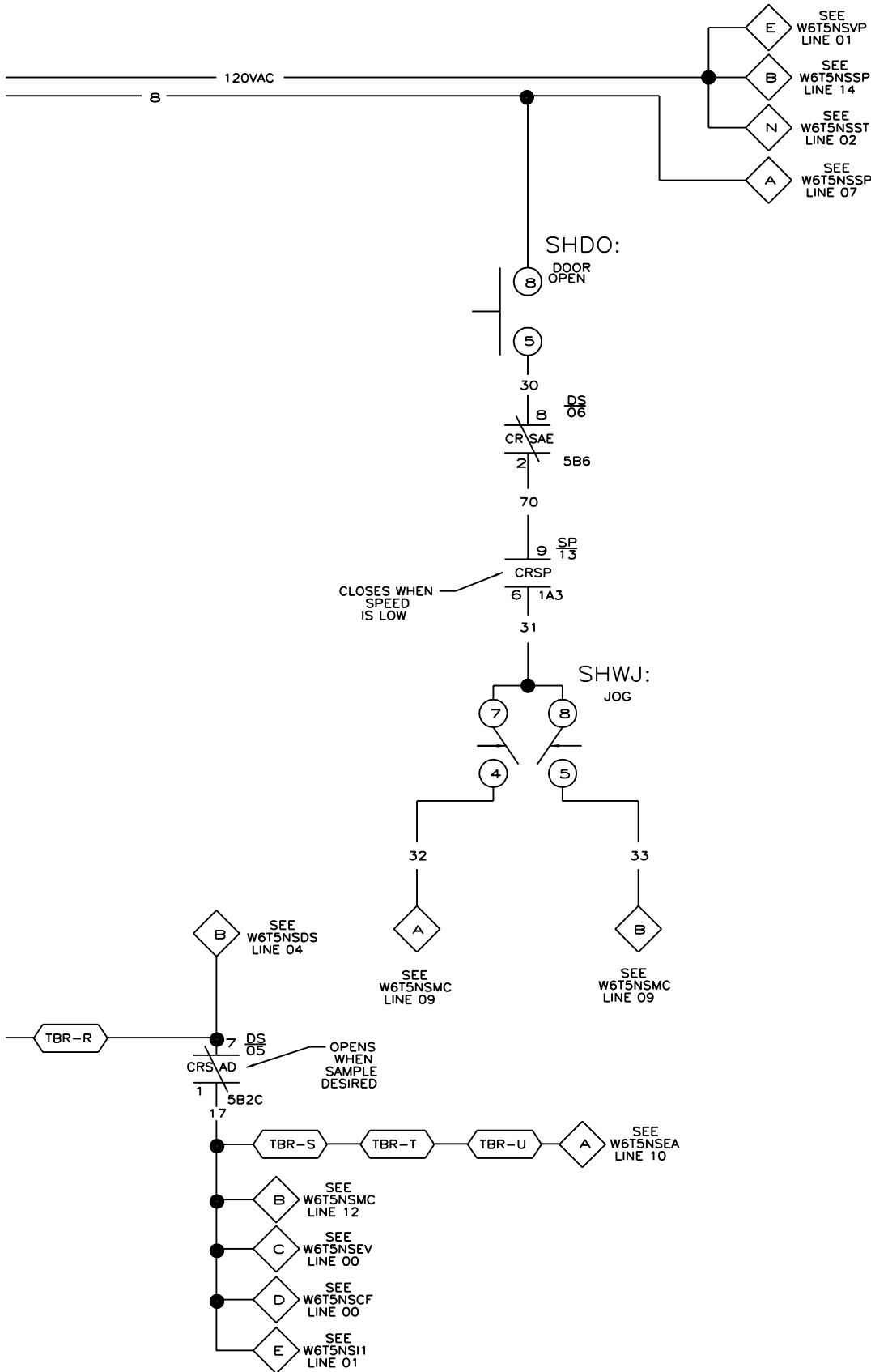
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00 01 02 03 04 05 06 07 08 09 10



W6T5NSRGA
MICRO 6 SYSTEMS
MARK V CONTROLS
SCHEMATIC: RAISE HOUSE (HYDRAULIC)

110V1P50HZ/120V1P60HZ
PELLERIN MILNOR CORPORATION



W6T5NSS+

MICRO 6 SYSTEMS
MARK V CONTROLS
SCHEMATIC: START CIRCUIT

1 10V1P50HZ/120V1P60HZ
PELLERIN MILNOR CORPORATION