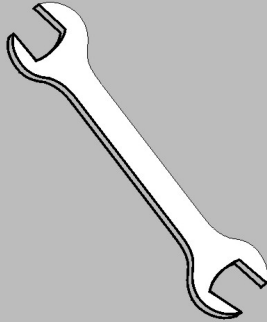


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# Kit Instruction— KUCDSDC100



## **INSTRUCTIONS FOR KUCSDSDC100 - RETRO DOOR CLOSED SWITCHES TO PROXIMITY SWITCHES**

**Please read the following instructions before beginning:**

1. Turn disconnect off and lock before beginning.
2. Remove existing door closed switches and brackets, right and left side.
  - a. In the low voltage control box, cut wire SDC at connector WCIN-8 (W6PRSTAG) making sure to have a six inch pigtail from WCIN-8. Disconnect remaining wires and remove switches.
3. Install new proximity switch brackets, right and left side.
4. Install new proximity switches in brackets and run wire into low voltage control box using route and penetrations left open by old cable. Tyrap securely away from any moving parts.
5. The following instructions refer to wire colors on the new proximity switches. If your wire colors do not match consult the Milnor Service Department.
  - a. Butt splice the BLACK wire from the left side proximity switch to the six inch pigtail from connector WCIN-8 (W6PRSTAG)
  - b. Connect the BLUE wire from the left side proximity switch to the BLACK wire from the right side proximity switch and cap. See schematic (W6PRSIBA, line 7).
  - c. Connect the BLUE wire from the right side proximity switch to the ground terminal TB4 (W6PRSTAG).
  - d. Install the terminal strip provided in your kit, with hardware provided. This terminal strip should be located close to the power supply. This terminal will also be used for future proximity switches.
  - e. Locate the positive 12 volts (V2) on the power supply. The wire will be solid orange or blue with orange tracer, tap into this wire using white cap provided and connect to the 12 volt terminal strip installed in step D.
  - f. Connect both BROWN wires from the switches to the 12 volt terminal strip installed in step D.
6. Remove existing sled door closed targets, right and left from sled and install new proximity switch targets, using existing mounting holes.
7. Adjust proximity switches approximately 3/8 of an inch from target being careful switch does not hit target.
8. Re-establish press power. Restart press into normal operation. Open doors one at a time to test circuit.

## **PREPARATIONS**

### Understand and Avoid Safety Hazards

#### **DANGER:**

#### **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 on the machine unless the main machine power disconnect is OFF.

- ? Do not service the machine unless qualified and authorized.
- ? Keep bystanders well clear of the machine.
- ? Lock off and tag out power at the main machine disconnect before servicing.

#### **DANGER:**

#### **ENTANGLE, CRUSH, AND SEVER HAZARDS**

These operations require personnel to work in and around areas of the machine where there is a possibility of becoming entangled with electrical wiring, air tubing, or machine parts. Certain machine parts can move in such a way as to crush or sever limbs or cause serious injuries.



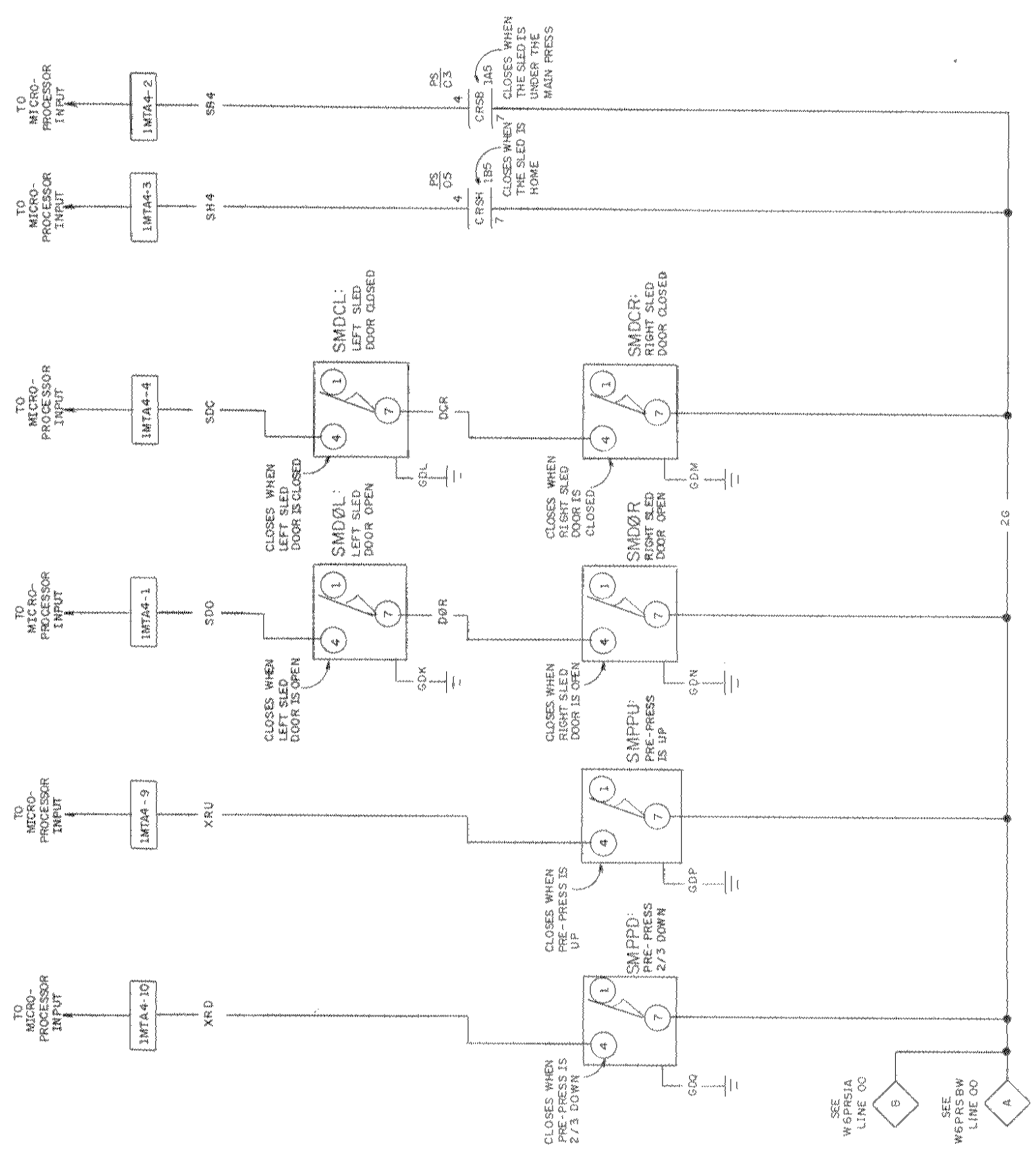
# W6PR5IB

## MICRO 6 SYSTEMS INPUTS (SCHEMATIC)

PELLERIN MILNOR CORPORATION

W6PR5IB  
88456D

- NOTES:
1. IMTA3, IMTA4 ARE LOCATED ON BE0-1 (8 OUTPUT 16 INPUT BOARD)
  2. IMTA34 IS LOCATED ON BFB (PROCESSOR BOARD)
  3. 2MTA3 IS LOCATED ON BR-2 (8 OUTPUT 16 INPUT BOARD)



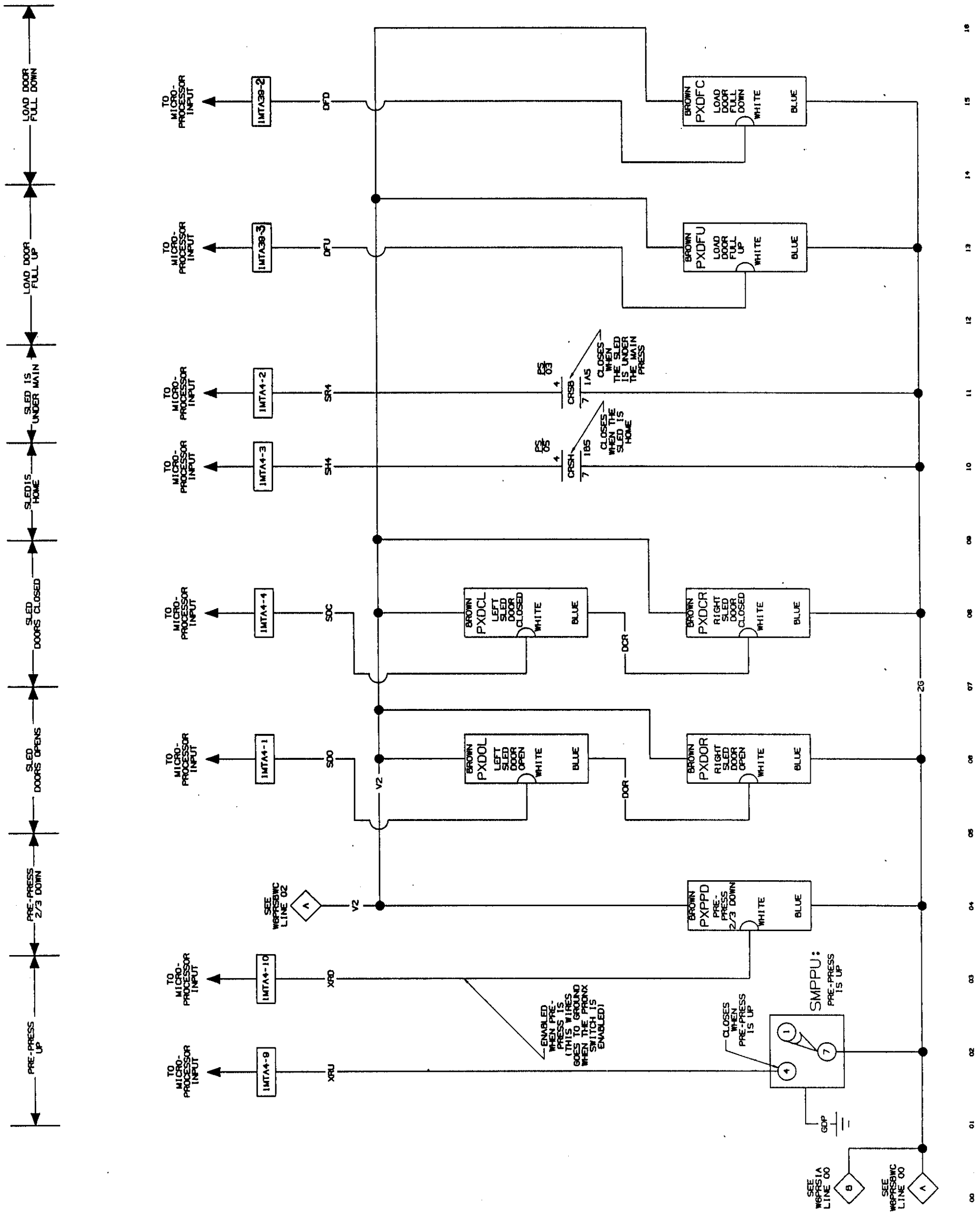
SEE W6PR5IA LINE 00  
6

SEE W6PR5BW LINE 00  
A

# W6PRRSIBA MICRO 6 SYSTEMS SCHEMATIC: INPUTS (SHEET 2)

PELLERIN MILNOR CORPORATION

W6PRRSIBA  
83411D



**NOTES:**

1. IMTA3, IMTA4 ARE LOCATED ON 810-1 (8 OUTPUT 16 INPUT BOARD).
2. IMTA34 IS LOCATED ON 8P8 (PROCESSOR BOARD).
3. ZMTA3 IS LOCATED ON 810-2 (8 OUTPUT 16 INPUT BOARD).

W6PRRSIBA  
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