

4-RELAY OUTPUT BOARD ADDENDUM

This serves as an addendum for the following manuals:

10997ML-XX - INFP Infinity Process
11279ML-XX - INFS Infinity Strain
11210ML-XX - INFT Infinity Temperature
11575ML-XX - INFW Infinity Scale
11051ML-XX - INF7 Rate/Total/Batch

***PLEASE NOTE: 4-RELAY OUTPUT is not compatible with
dc power versions or a parallel BCD board.***

11602ML-02 Rev. B

FOUR RELAY OUTPUT BOARD

The Four Relay Output Board provides two isolated (354 V per IEC spacing, 500 test), 7-Ampere form C and two 1-Ampere form C electro-mechanical relays that enable alarm-triggered switching to an external device. Each relay accommodates a single alarm output. Two 100Ω 2500pf snubbers are provided for each normally open contact.

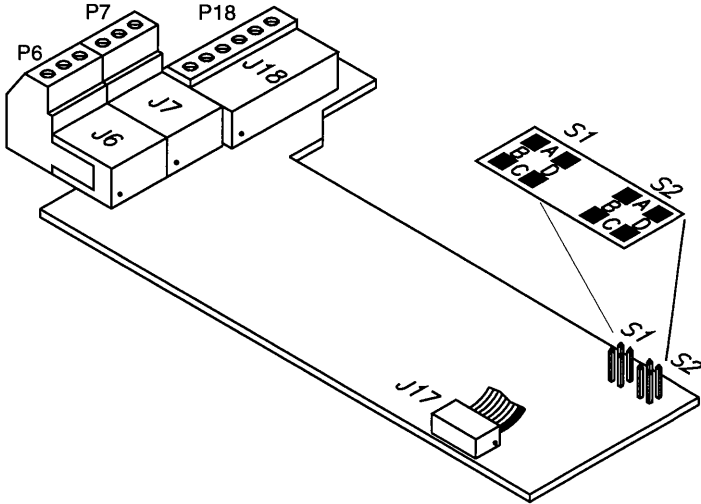


Figure A-1. 4-Relay Board Jumper Locations

SPECIFICATIONS

Output type Four Form C relays

Power Rating

- for resistive loads Two relays at P6 and P7
Normally open contact 7 Amp; 30 V dc or 230 V ac
Normally closed contact, 7 Amp; 30 V dc or 230 V ac
- for resistive loads Two relays at P18
Normally open contact 1 Amp; 24 V dc or 30 V ac
Normally closed contact, 1 Amp; 24V dc or 30 V ac

FOUR RELAY OUTPUT BOARD INSTALLATION

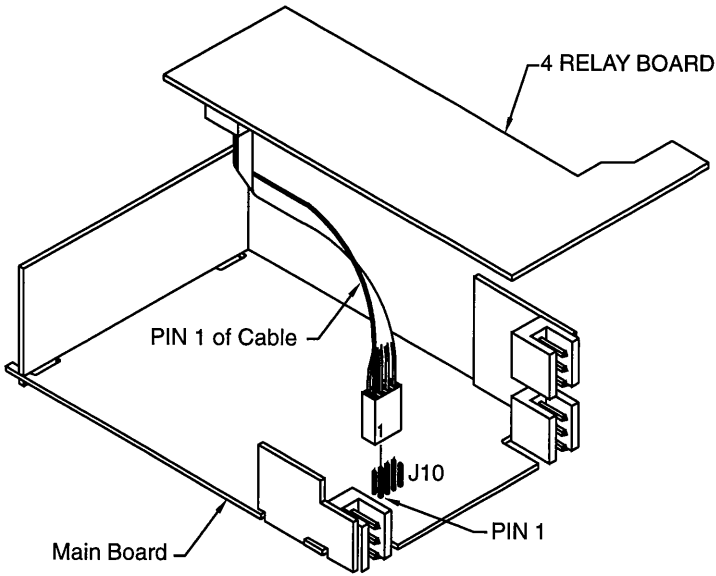


Figure A-2. 4-Relay Board Installation

JUMPER RELAY ASSIGNMENTS

Table A-1 illustrates jumper relay assignments. Relay 1 corresponds to the P6 Plug. Relay 2 corresponds to the P7 Plug. Relay 3 responds to P18 (pins 1-3) and Relay 4 responds to P18 (pins 4-6).

- K1 = Relay 1 (7 Amp Maximum current capability.)
- K2 = Relay 2 (7 Amp Maximum current capability)
- K3 = Relay 3 (1 Amp Maximum current capability)
- K4 = Relay 4 (1 Amp Maximum current capability)

P6			P7			P18					
1	2	3	1	2	3	1	2	3	4	5	6
NO	CM	NC	NO	CM	NC	NO	CM	NC	NO	CM	NC

Figure A-3. Connectors - Rear View

NO = Normally Open **NC** = Normally Closed **CM** = Common

Table A-1. 4-Relay Board Jumpers for the INFU,
INFP, INFS, INFT and INFW

S1	S2	AL1	AL2	AL3	AL4
A,C *	A,C *	K1	K2	K3	K4
B,D	A,C	K3	K2	K1	K4
B,D	B,D	K3	K4	K1	K2
A,C	B,D	K1	K4	K3	K2

Factory default jumper positions are marked with *

Table A-2. 4-Relay Board Jumpers for the INF7 Meter

S1	S2	AL1	AL2	AL3	AL4
A,C *	A,C *	K3	K4	K1	K2
B,D	A,C	K1	K4	K3	K2
B,D	B,D	K1	K2	K3	K4
A,C	B,D	K3	K2	K1	K4

Factory default jumper positions are marked with *

Note: AL5 on the INF7 cannot be wired to any of the 4-relays due to circuit design.