

AUX101 SWITCHED INPUTS				
SWITCH	ACTIVE LOW		ACTIVE HIGH	
	SWITCH INPUT	REFERENCE	SWITCH INPUT	REFERENCE
8	J11-16	J11-15	J11-16	J10-8
7	J11-14	J11-13	J11-14	J10-8
6	J11-12	J11-11	J11-12	J10-8
5	J11-10	J11-9	J11-10	J10-7
4	J11-8	J11-7	J11-8	J10-7
3	J11-6	J11-5	J11-6	J10-7

AUX101 SENDERS			
SENDER	SENDER INPUT	CURRENT SOURCE	GROUND REFERENCE
6	J11-12	J10-6	J11-11
5	J11-10	J10-5	J11-9
4	J11-18	J10-4	J11-7
3	J11-6	J013	J11-5

SPECIFICATIONS

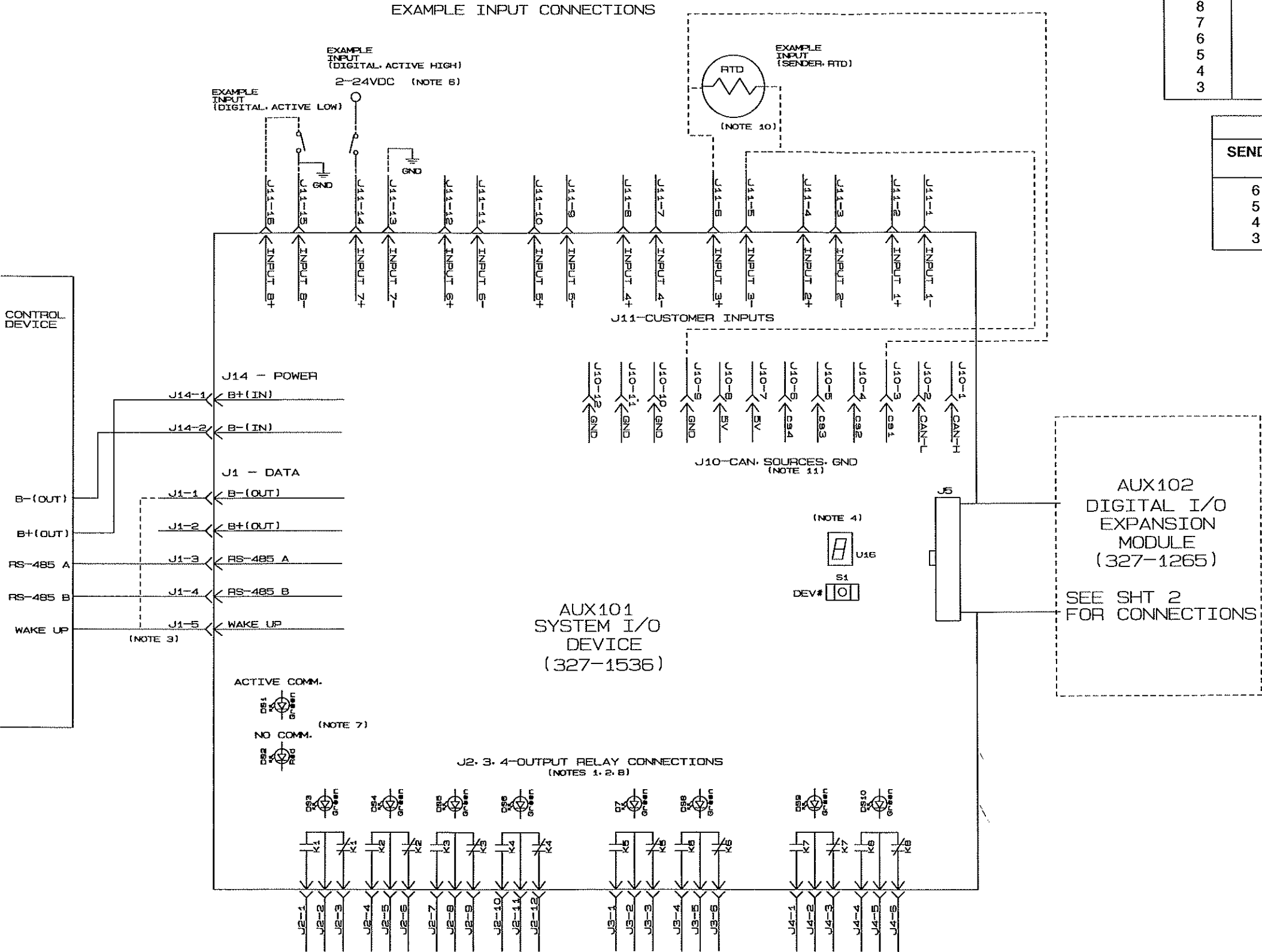
- POWER
 - 1.1 INPUT VOLTAGE = 5-40VDC (OPERATING RANGE) 12VDC = 900mA, 24VDC = 450mA
 - 1.2 INPUT CONNECTIONS = J14-1(+), J14-2(-)
 - 1.3 OUTPUT CONNECTIONS = J1-2(+), J1-1(-)
- DATA
 - 2.1 TYPE RS-485
 - 2.1.1 CONNECTIONS = J1-3(A), J1-4(B)
 - 2.2 CAN
 - 2.2.1 CONNECTIONS = J10-1(CAN-H), J10-2(CAN-L)
 - 2.3 WAKE UP (ACT. LOW) = J1-5(WU)
- CUSTOMER INPUTS
 - 3.1 TYPE = DISCRETE OR ANALOG
 - 3.2 NUMBER = 8 : 12 WITH EXPANSION BOARD, AUX102
 - 3.3 MAX. VOLTAGE ALLOWED AT ANY INPUT - 24VDC (1-6), 40VDC (7-8)
- DIFFERENTIAL VOLTAGE RANGE
 - 5V-5V (Inputs 1, 2)
 - 0V-5V (Inputs 3-6)
 - 0V-38V (INPUTS 7, 8)
- INPUT CONNECTIONS = J11
- CUSTOMER OUTPUTS
 - 4.1 CURRENT SOURCES = J10-3, 4, 5, 6 (1mA - 20mA)
 - 4.2 VOLTAGE SOURCES = J10-7, 8 (5VDC, 20mA)
 - 4.3 GROUND = J10-9, 10, 11, 12
- OUTPUT RELAYS
 - 5.1 TYPE = NON-LATCHING
 - 5.2 NUMBER = 8 : 16 WITH EXPANSION BOARD
 - 5.3 CONTACTS = 1 FORM C, 250VAC OR 30VDC, NC CONTACTS = 3A (AUX101), NO CONTACTS = 5A (AUX101), AUX102 CONTACTS = 2A (AUX102)
- CONNECTIONS = J2, J3, J4 (AUX101), J1, J2, J3 (AUX102)
- ENVIRONMENTAL
 - 6.1 STORAGE TEMPERATURE = -40 TO 85 °C
 - 6.2 OPERATING TEMPERATURE = -40 TO 60 °C
 - 6.3 HUMIDITY = UP TO 95% RH

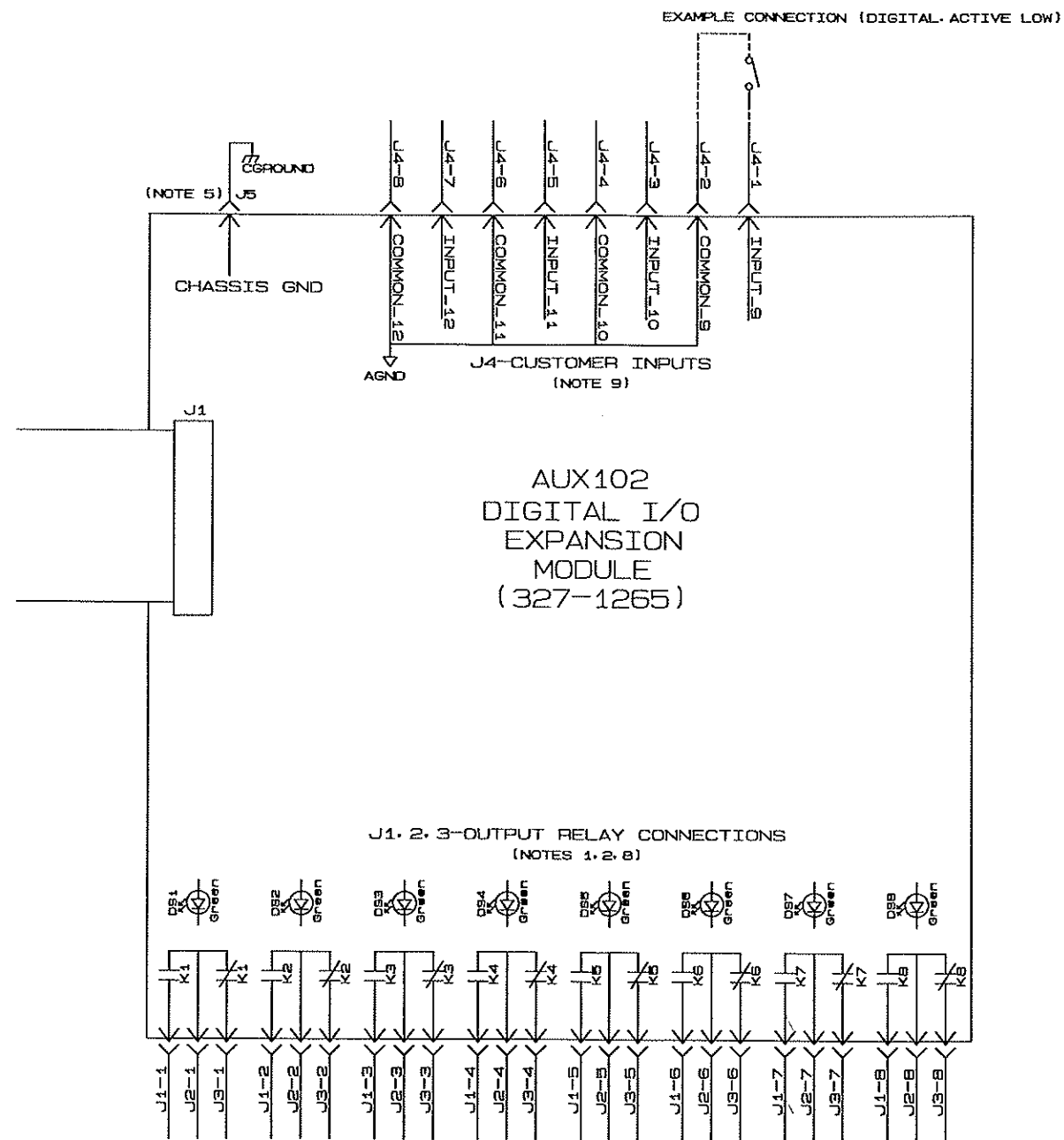
NOTES

- ALL RELAYS SHOWN IN RESET OR DE-ENERGIZED POSITION. DO NOT MAINTAIN THE LAST STATE WHEN POWER IS LOST.
- OUTPUT RELAYS ARE CONTROLLED VIA THE NETWORK.
- TIE J1-1 AND J1-5 TO HOLD DEVICE IN WAKE UP STATE.
- DISPLAYS THE DEVICE NUMBER. IF MORE THAN ONE AUX101 IS ON NETWORK BOTH NEED A UNIQUE DEVICE NUMBER.
- CONNECT J2 RING TERMINAL TO A GOOD EARTH GROUND. USE AN 'EXTERNAL TIGHT' LOCKWASHER BETWEEN RING AND GROUNDING SURFACE.
- DIGITAL INPUTS NEED THE (-) INPUT GROUND.
- DS1 INDICATES ACTIVE NETWORK COMMUNICATION. DS2 INDICATES NO NETWORK CONNECTIVITY.
- DS3-DS10 (GREEN) ON THE AUX101 INDICATE WHICH RELAYS ARE ENERGIZED. DS1-DS8 (GREEN) ON THE AUX102 INDICATE WHICH RELAYS ARE ENERGIZED.
- AUX102 INPUTS ARE ONLY DIGITAL ACTIVE LOW
- RTD SENDERS CAN ONLY BE USED ON INPUTS 3-6
- PROGRAMMABLE CURRENT SOURCE USE
 - CS1 IS USED FOR INPUT 3 ONLY.
 - CS2 IS USED FOR INPUT 4 ONLY.
 - CS3 IS USED FOR INPUT 5 ONLY.
 - CS4 IS USED FOR INPUT 6 ONLY.

No. 630-3142 Sh 1 of 2
 Rev. A Sys: HP
 Modified 7/2005

FIGURE 12. I/O MODULE WIRING DIAGRAM





No. 630-3142 Sh 2 of 2
Rev. A Sys: HP
Modified 7/2005

FIGURE 12. I/O MODULE WIRING DIAGRAM

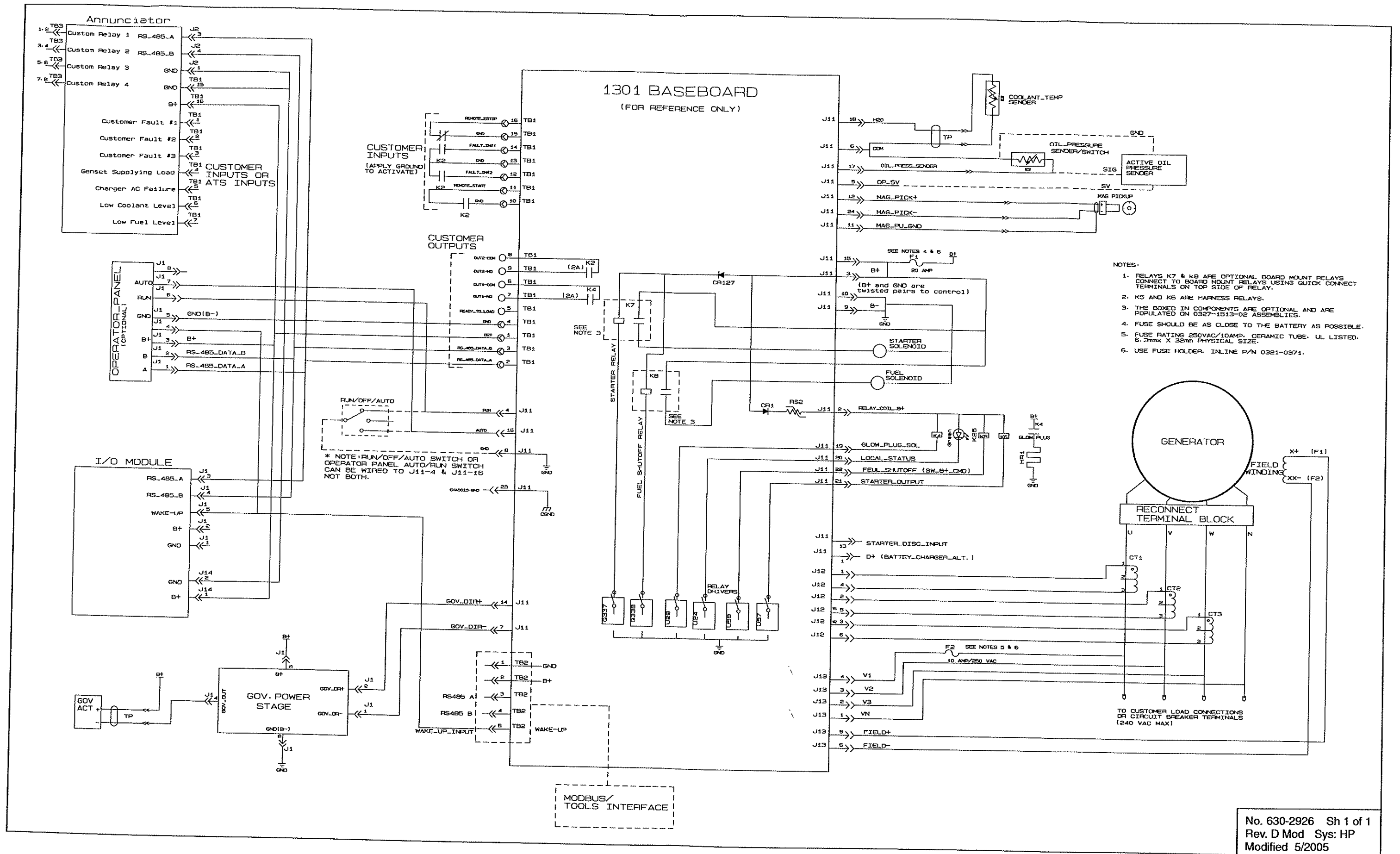


FIGURE 13. 1301 CONTROL WIRING DIAGRAM