

\*COMPONENT VARIABLES(W/MODEL NO.)

PART	4SCR-TTM	4683-TTM
R17,R19	NOT USED	1000-832
R20,R22	1000-828	1000-832
R18,R21	NOT USED	1000-823
J1,J2	NOT USED	1004-374

-1 OPTION		-2 OPTION	
L1	AC(HI)	L1	AC(HI)
W	AC(LO)	L2	AC(LO)
G	GROUND	G	GROUND

SI BAUD RATE

1 - 300	5 - 4800
2 - 600	6 - 9600
3 - 1200	7 - 19.2K
4 - 2400	8 - 38.4K

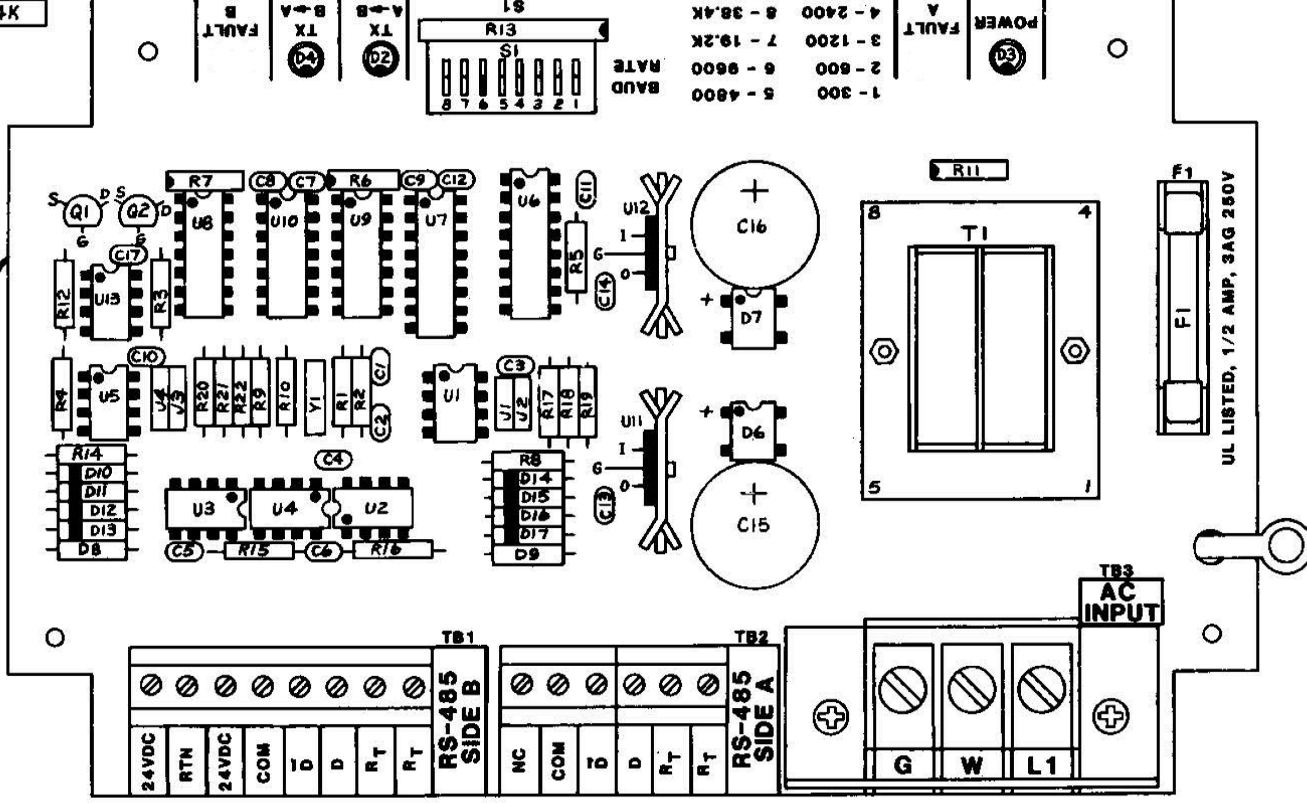
BAUD RATE	POWER A	POWER B
1-300	1-300	1-300
2-600	2-600	2-600
3-1200	3-1200	3-1200
4-2400	4-2400	4-2400
5-4800	5-4800	5-4800
6-9600	6-9600	6-9600
7-19.2K	7-19.2K	7-19.2K
8-38.4K	8-38.4K	8-38.4K

I.C. COMPONENT DESCRIPTIONS

PART	ACROMAG PART NUMBER	DESCRIPTION
U1, U5	1033-996	RS485 TRANSCEIVER
U2, U3, U4, U13	1033-716	OPTO-COUPLER
U6, U7	1200-900	12-STAGE BINARY COUNT
U8, U9	1200-000	2-INPUT NAND GATE
U10	1200-004	HEX INVERTER
U11, U12	1033-218	3-TERM. REGULATOR
D6, D7	1001-133	BRIDGE RECTIFIER

NOTES:

1. ALL RESISTORS ARE 5%, 1/4W UNLESS OTHERWISE SPECIFIED.
2. ALL SEVEN DIGIT NUMBERS ARE ACROMAG PART NUMBERS.
3. CAPACITOR VOLTAGE RATINGS ARE 50VDC(MIN) UNLESS OTHERWISE NOTED.
4. D8, D9 ARE ACROMAG 1001-191.
5. D10, D12, D14, D16 ARE ACROMAG 1001-089.
6. D11, D13, D15, D17 ARE ACROMAG 1001-090.
7. Q1 AND Q2 ARE ACROMAG 1023-109.



LAST: R22, C17, D17, U12, T1, Y1, S1, TB3, Q2, J4

24 OCT 18 D 1 BK027 ARP FMI CAP  
 12 NOV 91 C 10030 TAV TH TH  
 17 SEP 90 A 9712 TV 7H 7H  
 12 MAY 87 - - - - - TV/TH - -

**Acromag**  
 WIXOM, MICH.

TITLE: **RS485 REPEATER**  
**SCHEMATIC & PARTS LOCATION**

SIZE: D  
 SERIES: 4SCR-TTM-X  
 SHEET: 1 of 1  
 DRAWING: 4500-875