

Bit	Power Side		Signal Side	
	Pos.	Neg.	Signal	DC Return
Bit 0	1	2	47 (23)	48 (24)
Bit 1	3	4	45 (21)	46 (22)
Bit 2	5	6	43 (19)	44 (20)
Bit 3	7	8	41 (17)	42 (18)
Bit 4	9	10	39 (15)	40 (16)
Bit 5	11	12	37 (13)	38 (14)
Bit 6	13	14	35 (11)	36 (12)
Bit 7	15	16	33 (9)	34 (10)

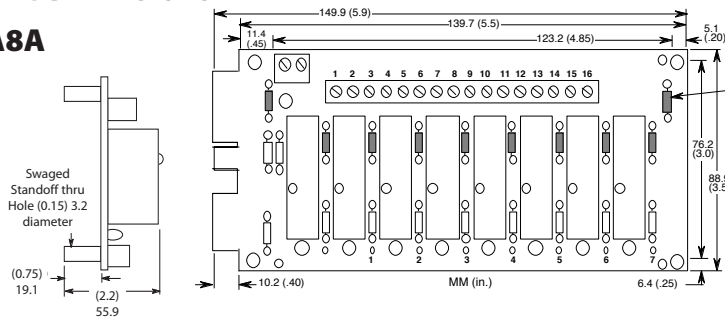
The WRC4-A8H, 1771-JMB8, 1771-JMB8H and 1781-A8A mounting boards can be used with up to 8 WRC4, standard, miniature and 1781 slim modules respectively. The terminal block accepts only insulated wire with stripped ends. Each power side point is individually isolated from each other. The signal side has a common logic supply bus (+Vcc and dc return) shared with each of the modules. Specify 1781-CxEx Cable Assembly for 1771-JMB8 and 1781-A8A. Specify 1781-CxHx Cable Assembly for WRC4-A8H and 1771-JMB8(H). Specify WRC4-A8H-DIN and 1782-A8A for mounting on DIN rails such as WRC50022. 1771-JMB8 and 1771-JMB8H are not available for DIN mounting.

**NOTES:**

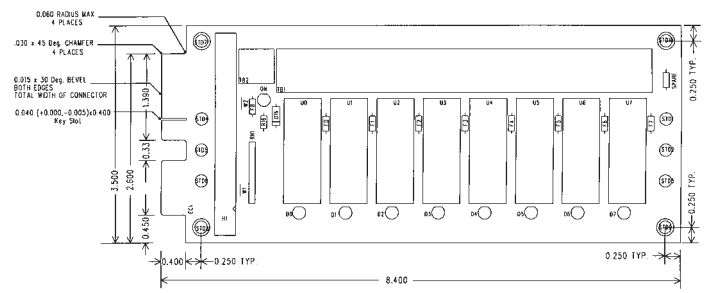
1. Logic supply +Vcc (+5, +15 or +24 V dc) and dc return is supplied through the 2 terminal logic supply connector, marked with + or -.
2. Logic supply dc return is connected to all even pins of the 25 or 50 pin edge card connector
3. Signal pin is pulled up to +Vcc when not asserted, down to dc return when asserted.
4. The backplane is shipped with a jumper configuration to supply the logic voltage through pins 1 and 49 (1 and 25) of the edge connector.
5. Logic-side connector pin numbers are for 50-pin connector. Pin numbers in ( ) are for 26-pin connector.
6. 1781-A8A and 1771-JMB8 signal-side connections are via a 50 conductor edge connector. WRC4-A8H and 1771-JMB8H use a header connector.

## MOUNTING DIMENSIONS

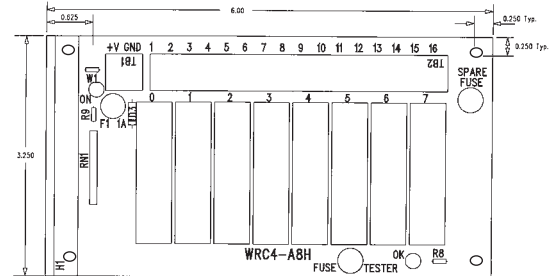
### 1781-A8A



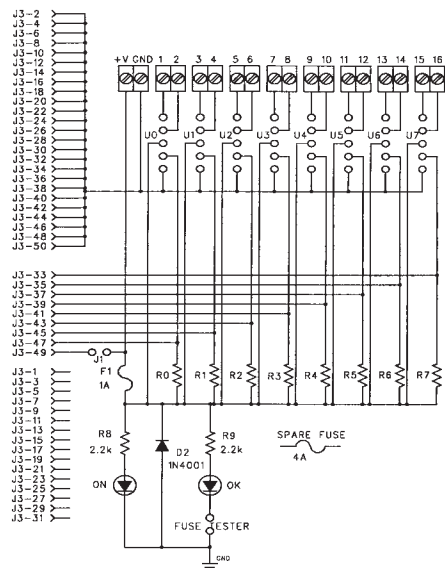
### 1771-JMB8(H)



### WRC4-A8H



### WRC4-A8H



## SCHEMATIC DIAGRAM

### 1781-A8A/1771-JMB8(H)

