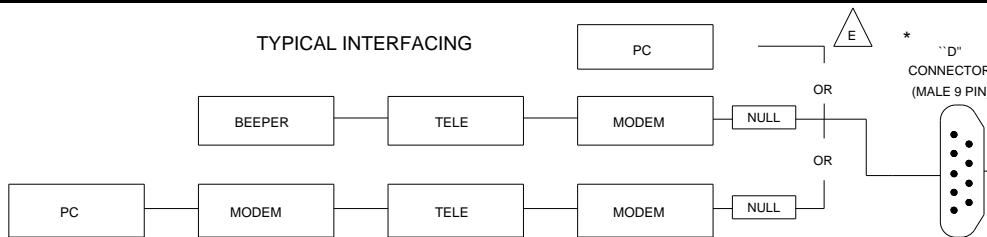
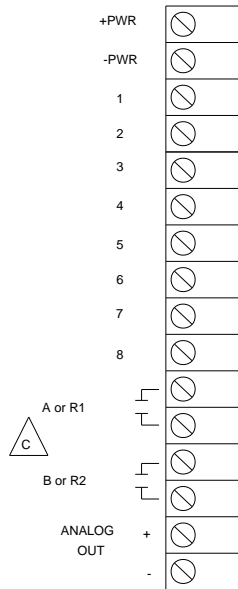
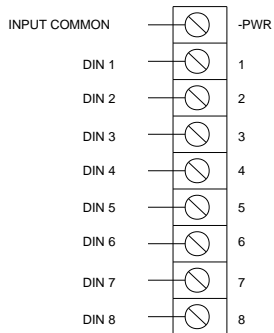


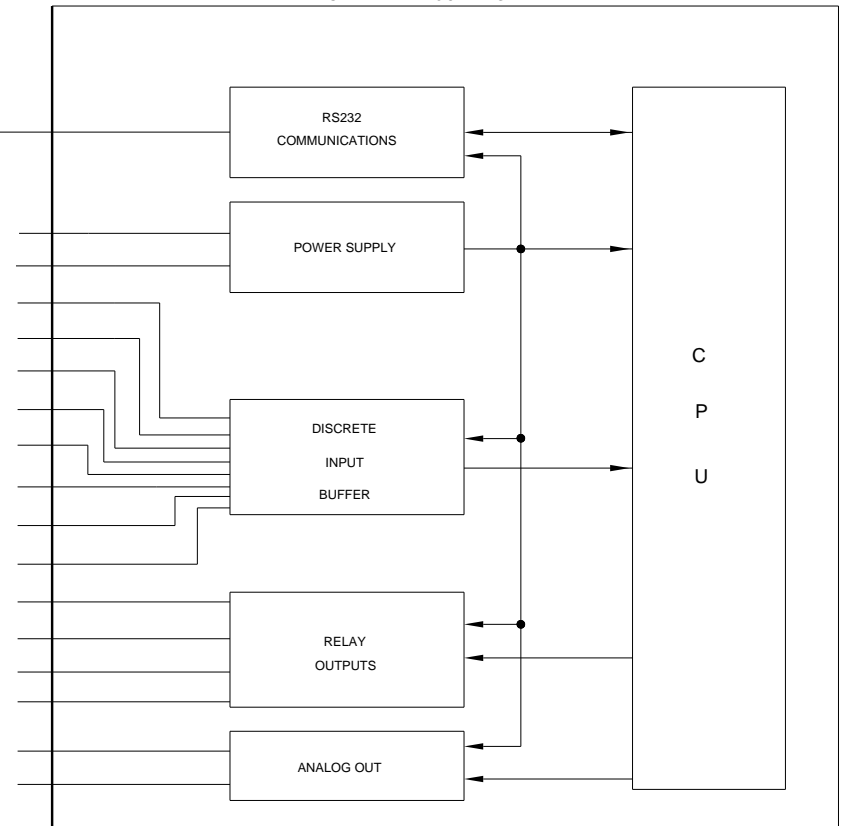
**TYPICAL INTERFACING**



**TYPICAL INPUT CONNECTIONS**



**SIMPLIFIED BLOCK DIAGRAM**



**A GENERAL NOTES**

THE MODEL NUMBER DETERMINES ANALOG INPUT/OUTPUT TYPE TO CONFIGURE REFER TO SCADA PROGRAM HELP AND SPM CONFIGURATION NOTES.

**B OPERATIONAL NOTES**

TYPICAL CURRENT DRAW =  
 A) STANDBY - 270uADC  
 B) PROCESSING - 12 MADC  
 C) COMMUNICATING - 30 MADC

MEMORY IS 32K PROTECTED FOR 1 YEAR

OPERATING VOLTAGE RANGE - 9 TO 26 VDC

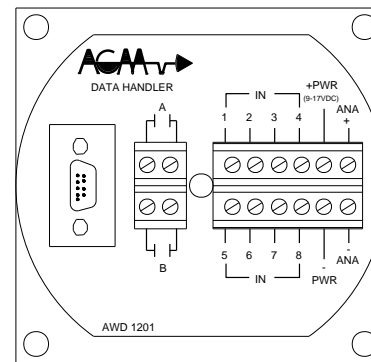
OPERATING TEMPERATURE - -20/180 DEG F

**NOTE:**

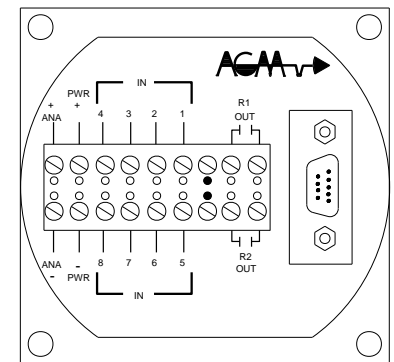
TO AVOID PROBLEMS WITH CORROSION AT TERMINAL STRIP, USE RUBBER SILICONE FOR PROTECTION.

**\* TERMINAL DESIGNATION FOR RS232 CABLES**

SPM PIN	TO 9 PIN	OR 25 PIN
1	1	8
2	2	3
3	3	2
4	4	20
5	5	7
6	6	6
7	7	4
8	8	5
9	9	22



OR



CONTACT RATING IS 28 VDC, 28 VAC @ 1 AMP NON-INDUCTIVE



CONNECT ONE SIDE OF ALL CONTACTS TOGETHER WITH -PWR CONNECT OTHER SIDE OF CONTACTS TO RESPECTIVE INPUT TERMINAL.



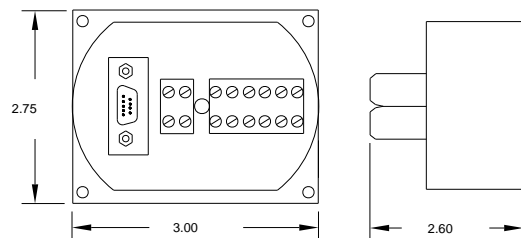
INSTALLATION NOTES - IMPORTANT

FOR INPUT DISTANCE GREATER THAN 50 FEET, USE STANDARD APPROVED METHODS FOR PROTECTING THE LINES FROM TRANSIENTS.

WHEN USING RS232, DO NOT USE CABLE LONGER THAN 50 FEET.

RELAY CONTACTS MUST HAVE ARC SUPPRESSION (TRANSORBS, RC, MOV ETC.) ADDED AT THE LOAD BEING CONTROLLED. FOR INFORMATION REFER TO GENERAL SEMICONDUCTOR @ (602) 968 3101 FOR TECHNICAL SUPPORT.

**OUTLINE DIMENSIONS IN INCHES**



SIGNATURE		DATE		<b>AGM ELECTRONICS, INC.</b> <small>TUCSON, ARIZONA</small>			
DRAWN BY JG		5/9/02					
CHECKED BY RF		5/9/02		WIRING & SCHEMATIC DIAGRAM <b>DATA HANDLER</b> 8 DISCRETE INPUTS AND RS232			
APPROVED BY JV		5/9/02					
APPROVED FOR PROD.							
CONTRACT NO.				CODE IDENT NO.			
206203				SCALE NONE		SIZE A	
				WT		PART NO. WSD-A20620-3	
				SHEET		REV A	
				1 OF 1			