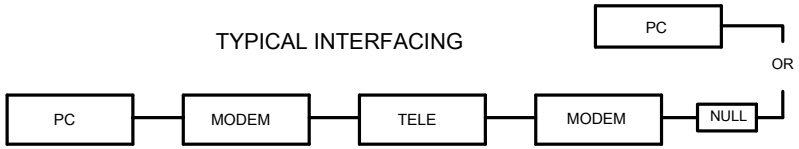
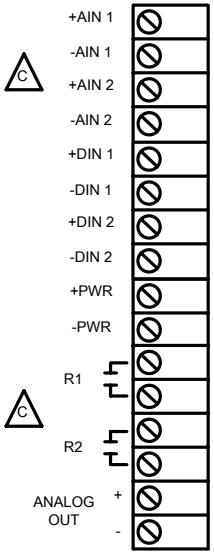
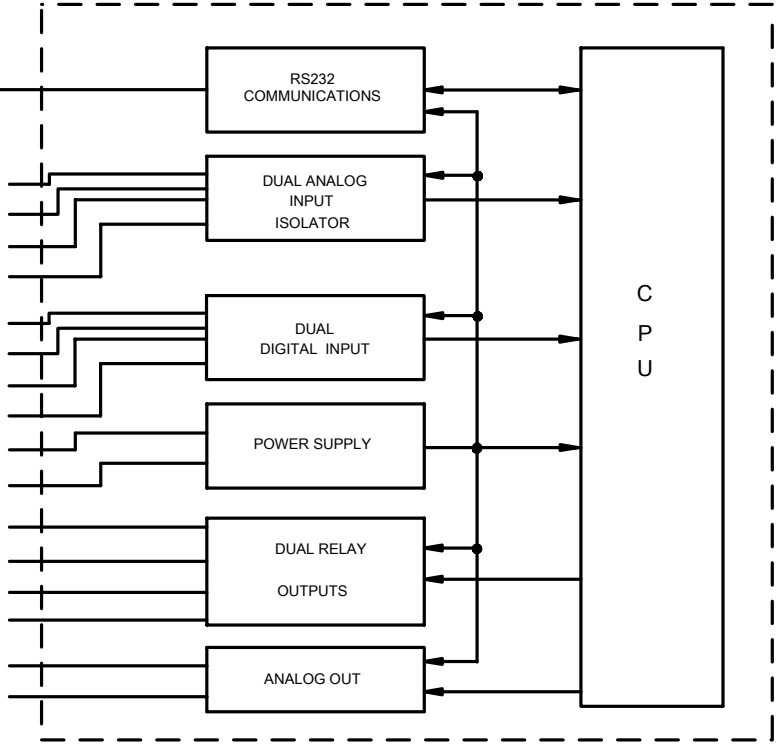
TYPICAL INTERFACING



C * "D" CONNECTOR (MALE 9 PIN) DCE



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

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

C ALL MVDC, VDC, INPUT DEVICES, UNLESS ORIGINALLY SPECIFIED TO BE ZERO CROSSING, ARE INITIALLY SET TO A ZERO

STANDARD INPUT RANGE IS 0/5 VDC. ZERO/FULL SCALE ENGINEERING UNITS CAN BE SET TO ANY POINTS IN BETWEEN. OTHER INPUT RANGES MAY BE SPECIFIED.

ALL MADC DEVICES REQUIRE AN EXTERNAL SHUNT.

DIGITAL INPUTS MUST BE DRY CONTACT OR SOLID STATE SWITCH SUCH AS A SWITCHED TRANSISTOR COLLECTOR.

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

INSTLLATION NOTES - IMPORTANT

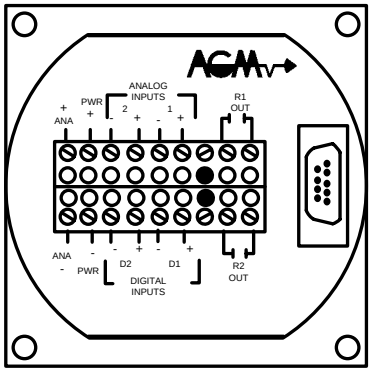
FOR INPUT DISTANCE GREATER THAN 50 FEET, USE STANDARD INPUT BASE . I.E. A 1/5 VDC INPUT IS FACTORY SET SO THAT THE APPROVED METHODS FOR PROTECTING THE LINES FROM TRANSIENTS.

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

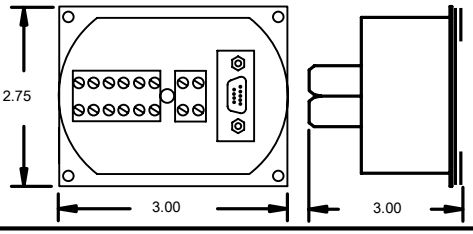
RELAY CONTACTS MUST HAVE ARC SUPPRESSION (TRANSORBS, RC, MOV ETC.) ADDED AT THE LOAD BEING CONTROLLED. FOR INFORMATION REFER TO GENERAL SEMICONDUCTOR @ (602) 968 3101 FOR TECHNICAL SUPPORT.

* 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



OUTLINE DIMENSIONS IN INCHES AUX OR DIN MOUNTING



SIGNATURE		DATE
DRAWN BY	JG	5/9/02
CHECKED BY	RF	5/9/02
APPROVED BY	JV	5/9/02
APPROVED FOR PROD.		

CONTRACT NO. 2062019

AGM ELECTRONICS, INC.
TUCSON, ARIZONA

WIRING & SCHEMATIC DIAGRAM

DATA HANDLER (DH), SPM9000-D2W

2 – AI, 2 - DI 1 - AO, 2 - DO AND RS232

CODE IDENT NO.	SIZE	PART NO.	REV
	A	WSD-A20620-19	N C

SCALE NONE | WT | SHEET 1 0F 1