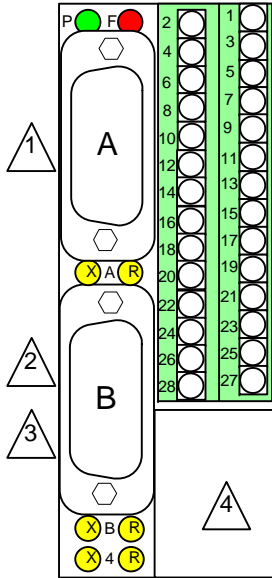


View from Front

Status Indicators

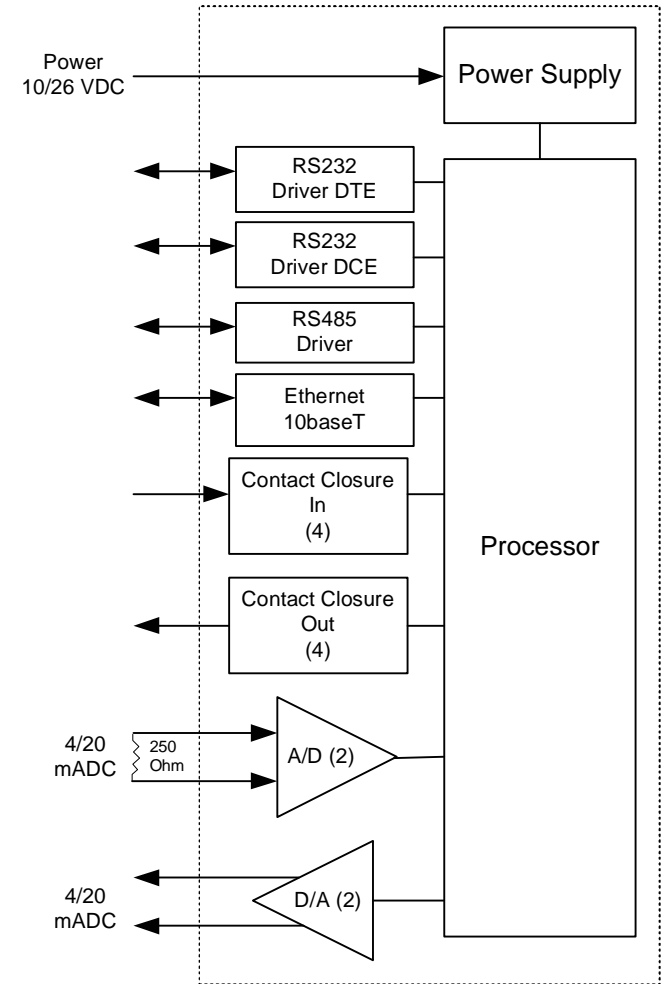
LED	Description
Link	Ethernet connected. Light located on RJ45 Connector
Activity	Ethernet activity. Light located on RJ45 connector.
X	Transmit. Flashes with each character sent. A = DCE Port. B = DTE Port. 4 = RS485 Port.
R	Receive. Flashes with each character received. A = DCE Port. B = DTE Port. 4 = RS485 Port.
P	Power Applied.
F	Failed. Indicates power too low or failure of module.



Wiring Table

Nbr	Description	Nbr	Description
2	Select Jumper (+)	1	Power (+)
4	Select Jumper (-)	3	Power (-)
6	Analog In 1 (+)	5	Analog In 1 (-)
8	Analog In 2 (+)	7	Analog In 2 (-)
10	Analog Out 1 (+)	9	Analog Out 1 (-)
12	Analog Out 2 (+)	11	Analog Out 2 (-)
14	Contact In 1 (+)	13	Contact In 1 (-)
16	Contact In 2 (+)	15	Contact In 2 (-)
18	Contact In 3 (+)	17	Contact In 3 (-)
20	Contact In 4 (+)	19	Contact In 4 (-)
22	Contact Out 1 (+)	21	Contact Out 1 (-)
24	Contact Out 2 (+)	23	Contact Out 2 (-)
26	Contact Out 3 (+)	25	Contact Out 3 (-)
28	Contact Out 4 (+)	27	Contact Out 4 (-)

Simplified Schematic



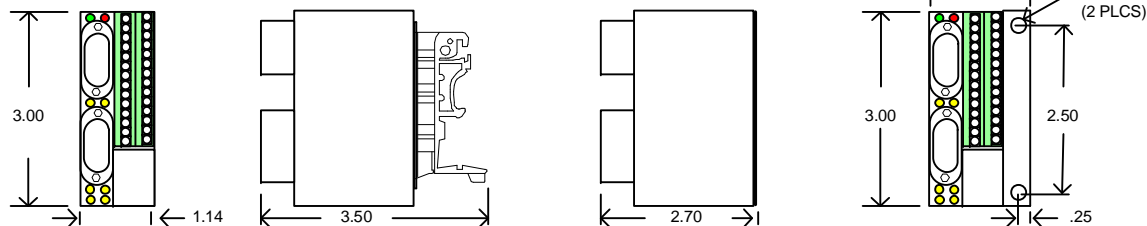
Notes:

- 1 DCE RS232 Connector is 9 Pin female.
- 2 DTE RS232 Connector is 9 Pin male.
- 3 RS485 uses Pins 1 and 9 of DTE 9 pin connector. RS485 is 2 wire, half duplex. 120 ohm termination resistor required at each end but not at each DC.
- 4 10baseT Ethernet port uses RJ45 connector. Link and Activity lights are located on RJ45 connector.
- 5 Jumper pins 2 and 4 to enable default Master mode of operation.
- 6 Contact outputs rated 0.3 A at 125 VAC, 0.5 A at 30 VDC.
- 7 Use a 9 Pin Male to Female cable from Port B to Port A of the next Data Controller to cascade Data Controllers.

DIN MOUNT

ALL DIMENSIONS IN INCHES

AUX MOUNT



Signature	Date
Drawn By JV	05/14/04
Checked By RF	05/14/04
Engr Appvd KH	05/14/04
QC Apprvd NT	05/14/04
Contract No.	

AGM Electronics, Inc. Tucson, Arizona			
Wiring and Schematic Diagram			
Data Controller (2AIO, 4DIO) DIN/AUX5018-1			
Code ID No.	Size	Part No.	Rev
	A	WSD - 20166-34	NC
Scale - None	Wt	Sheet 1 of 1	