

## Data Controller (DC)

### A. OPERATION, MAINTENANCE, INSTALLATION INSTRUCTIONS

1. The assembly consists of a DIN or AUX function module. Prime power requirement is a maximum of 8 watts. Input voltage must be within the range of 11 to 26 VDC. Ambient temperature should not exceed 120 deg.F.

2. The function module has been factory configured to meet your application; however, changes can be made in the field by first connecting the Data Controller to your network or computer then using your web browser to access the configuration web pages. Consult with the detailed configuration manual or factory for more information on setting configuring your Data Controller.

3a. When power is applied to the assembly the "P" (green) indicator will be on and the "F" indicator should be off. If connected to a Ethernet network then the "Link" indicator located on the RJ45 connector will be on and the "Activity" indicator occasionally flashing. Other indicators and I/O will function according to the application program and configuration loaded into the DC.

3b. If all indicators are off check your power connections. If the "F" indicator is on check the power input to determine if at least 11 VDC is applied.

3c. A jumper across pins 2 and 4 enables master mode. When in master mode the DC will initiate all communications. When in this mode the "X" indicator will flash followed by the "R" indicator. If the "X" indicator flashes without a "R" flash, you may have a cabling or configuration problem. If practical check the remote site and if the "R" indicator does not flash you have a cabling problem otherwise you probably have a configuration problem.

3d. Without a jumper across pins 2 and 4 the DC is in the slave mode. In this mode the "X" indicator will flash after the "R" indicator. When using only 2 Data Controllers a "R" flash without a "X" flash may indicate a configuration problem. When using multiple devices, a "R" flash without a "X" flash is normal when the master DC is communicating with another slave. However "X" should flash occasionally when it is time for the master DC polls the slave DC. At that time you will see a series of "X" and "R" flashes.

4a. For other information on the Data Controller (DC), consult the wiring and schematic diagram drawings (WSD drawing) furnished with the equipment.

4b. For service, call or write the Manufacturer at:

AGM ELECTRONICS INC., P.O. BOX 32227, TUCSON AZ 85751-2227

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### B. PARTS LIST

1. Data Controller (DC) Module AUX/DIN5018-( )