

Features...continued

Standard Safety and Protection Capabilities

- Built-in coil flyback diodes.
- Two user-programmable LED's available for error codes or other user-specified purposes.
- Software and hardware watchdog circuits ensure proper software operation.
- Diagnostic and test information can be output through the serial port , CAN-bus port and/or LED's.
- Positive battery connections for all input and driver outputs.

Meets U.S. and International Regulations

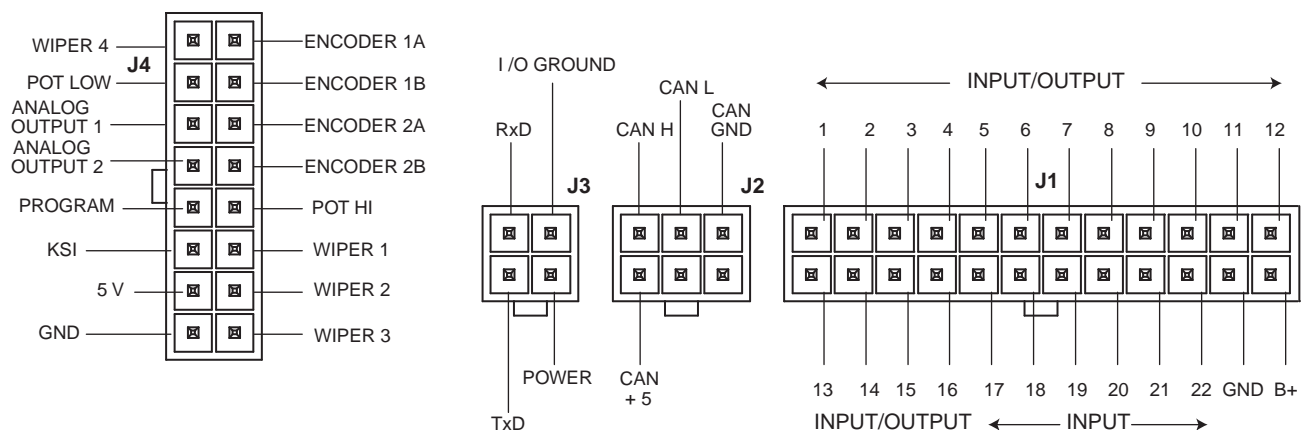
- The Curtis Model 1310 Vehicle System Controller is designed to meet:
 - EN50081-1: 1992 for EMI Emissions
 - EN 50082-2:1995 for EMC Immunity
 - EN 1175-1:1998
 - VDE 0117:1991
 - IP 42 Rated
 - Enclosure Rated for Flammability Class UL 94-V0.

Model Chart

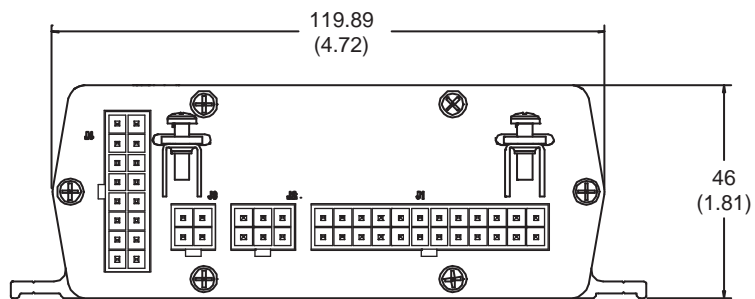
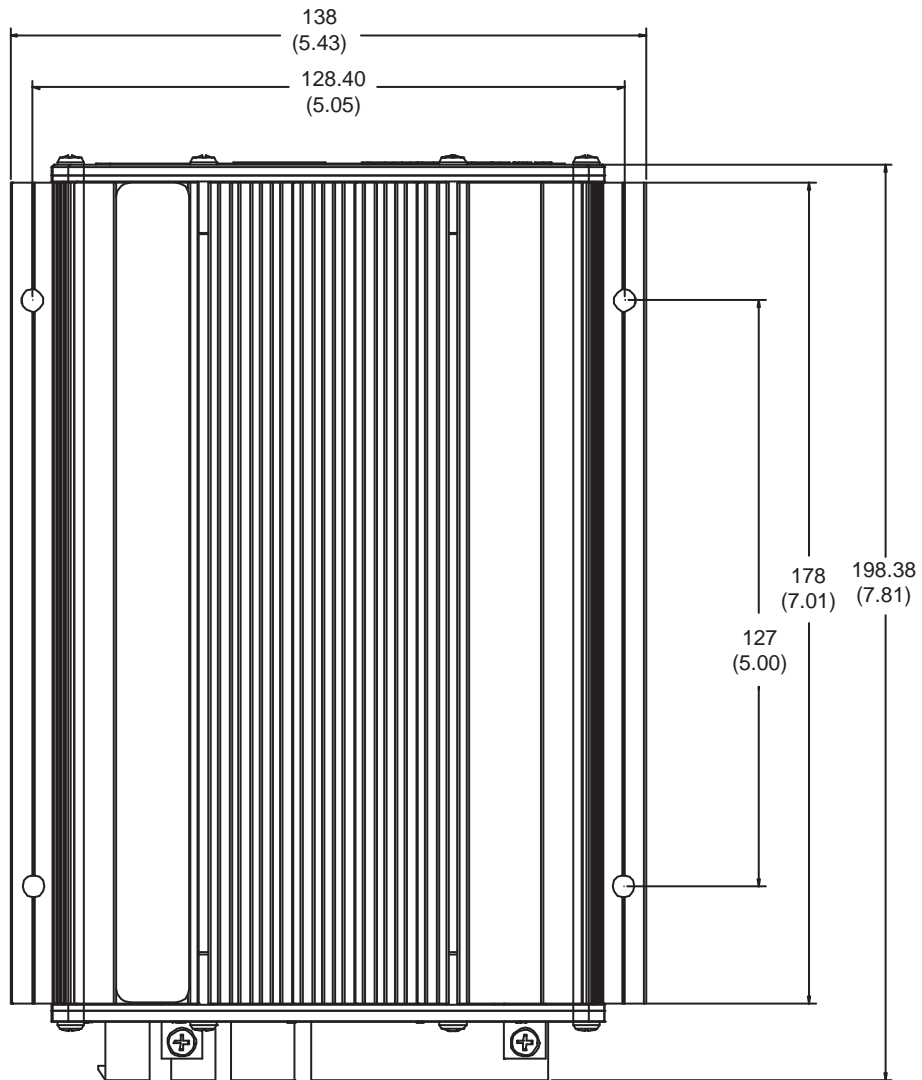
Model Number	Voltage Rating (volts)	Input Interfaces	Driver Output Interfaces*	Proportional Valve Outputs*	Analog Interfaces	Potentiometer Inputs	Encoder Inputs	Real-Time clock
1310-5101	24-48	22	0	0	2	4	2	no
1310-5201	24-48	14	8	0	2	4	2	no
1310-5301	24-48	6	14	2	2	4	2	yes
1310-6101	48-96	22	0	0	2	4	2	no
1310-6201	48-96	14	8	0	2	4	2	no
1310-6301	48-96	6	14	2	2	4	2	yes

* The total combination of input interfaces, Driver Outputs and proportional valve outputs may not exceed 22. Use of an output reduces the number of inputs by one.

Connector Diagram



Dimensions for all models: mm (inches)



Wiring Diagram

