

## EC Motor

## 2 Motor Control Connector

### Application

The EVO/ECM-MXC2 connects one EVO/ECM-Control to control 2 motors. The master control sets the speed of both motors. A second control may be connected to monitor the 2<sup>nd</sup> motor RPM.

The 2 motor connect is compatible with the following EVO/ECM-Controls:

- EVO/ECM-ACU+
- EVO/ECM-4SPD
- EVO/ECM-VCU
- EVO/ECM-EHC
- EVO/ECM-IRC

### Compatibility Rules

Power to the Master and RPM controls must be from the same source

Dissimilar controller types can be paired except the EVO/ECM-VCU.

The EVO/ECM-VCU must only be paired with another EVO/ECM-VCU.

### Ordering

Model #	Description
EVO/ECM-MXC2	2 Motor Connect
Cables	
EVO/ECM-JMP?' <i>? = length in inches. 6" is stocked.</i>	Control to MXC2 jumper
EVO/ECM-CBL?' <i>? = length in feet</i>	MXC2 to EON Motor Cable
EVO/USM-CBL?' <i>? = length in feet</i>	MXC2 to Perfect Speed Motor Cable

Purchasing: Please order using the EVO/ model number. Or, include the number in the product description.



**EVO/ECM-MXC2**

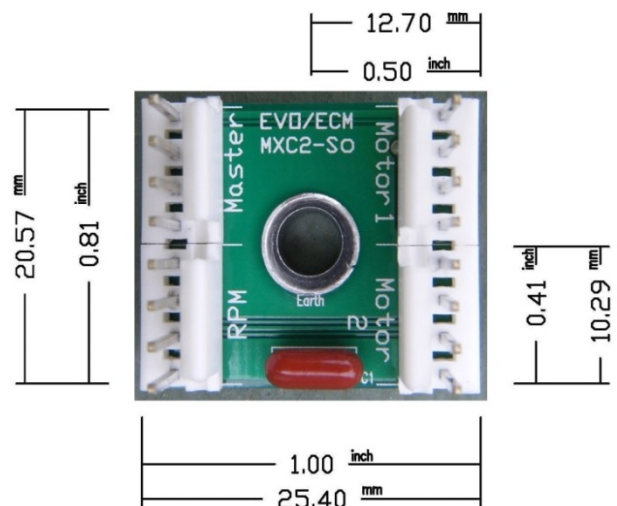
### Mounting

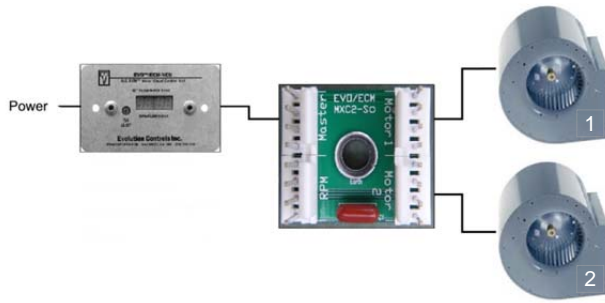
The optional RPM control must be mounted near the Master control. Mount the MXC2 near the controls so short jumpers can be used. When an optional RPM controller is not used, the MXC2 can be mounted near the motor pairs to reduce cable costs.

Fasten the MXC2 to a grounded metal surface using a single oval or flat head screw.

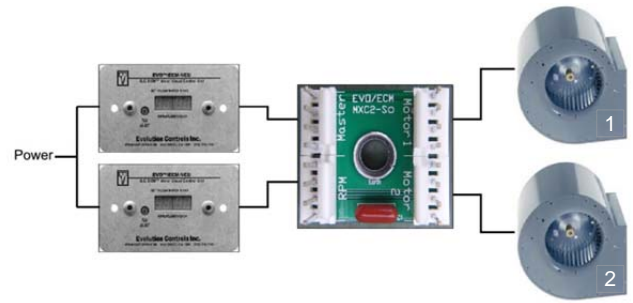


Keep high voltage wiring away from the MXC2 circuitry or wiring. Follow electrical code requirements for separation of high and low voltage wiring and components.

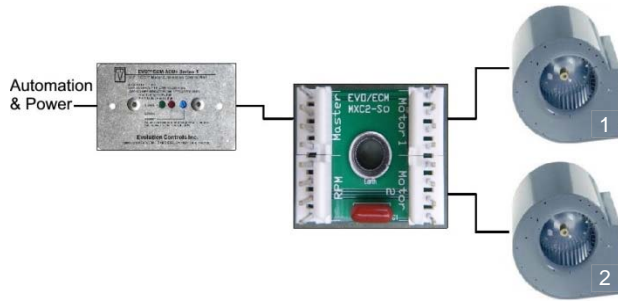




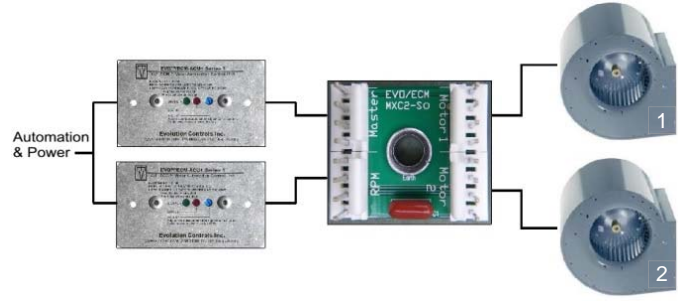
**EVO/ECM-VCU Controls 2 Motors  
RPM Monitors Motor 1**



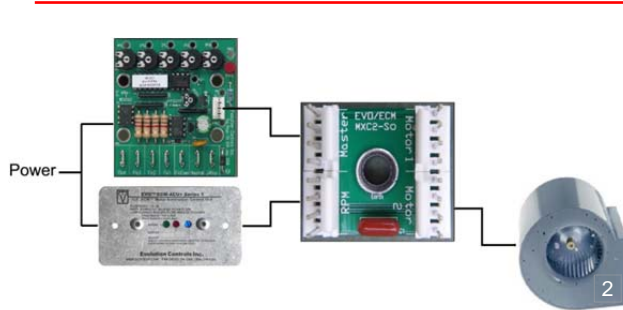
**Optional 2nd Control Monitors Motor 2**



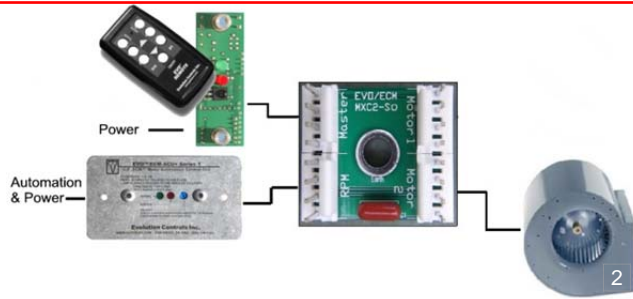
**EVO/ECM-ACU+ Controls 2 Motors  
RPM Monitors Motor 1**



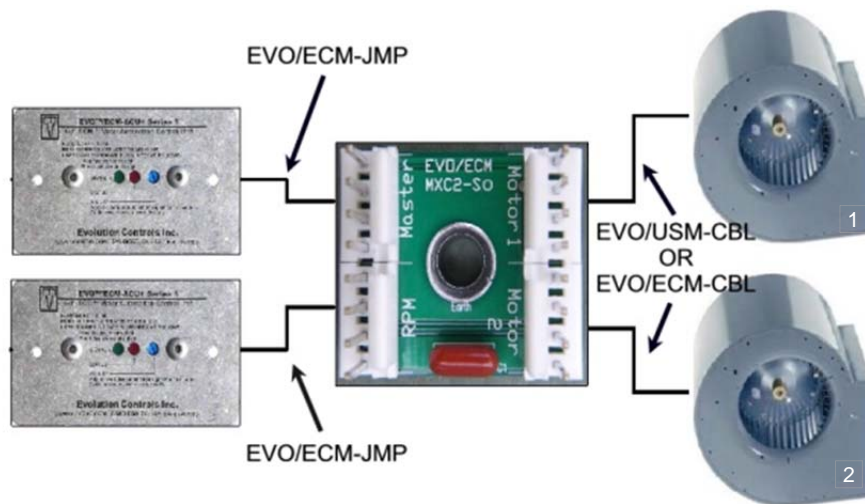
**Optional 2nd Control Monitors Motor 2**



**EVO/ECM-4Spd Controls 1 Motor &  
EVO/ECM-ACU+ Automation RPM Monitor**



**EVO/ECM-IRC Controls 1 Motor &  
EVO/ECM-ACU+ Automation RPM Monitor**



**Cabling Details**