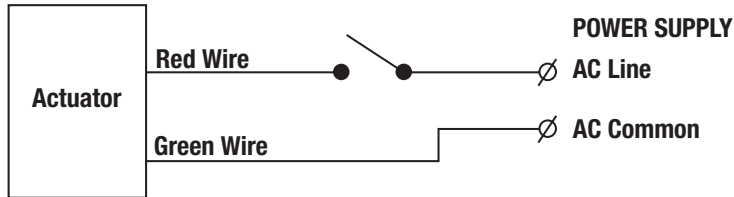


**MODEL NUMBERS**

**MS1120, MS1122**  
17in/lb,  
24VAC

**2 WIRE, CAPACITOR RETURN, ON/OFF, FAIL SAFE ACTUATOR**

**CIRCUIT TYPE A**

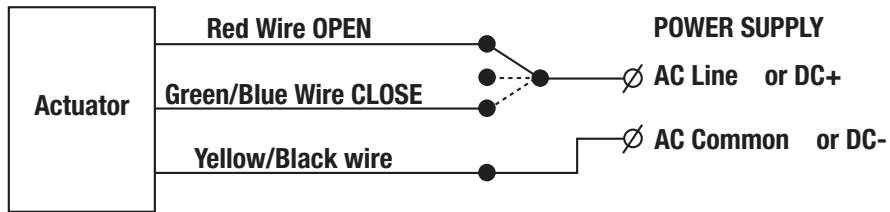


Fail position OPEN "O" or CLOSED "C" is established by the linkage set-up.  
Minimum powered time needed to charge the capacitor is 15 seconds for 24VAC and 30 seconds for 120VAC.

**MS3140, MS3142**  
17in/lb,  
24VAC OR 9 - 24VDC

**3 WIRE CONSTANT POWER ON/OFF, FAIL LAST POSITION ACTUATOR WITH 3 POINT CONTROL (6 SECOND TRAVEL)**

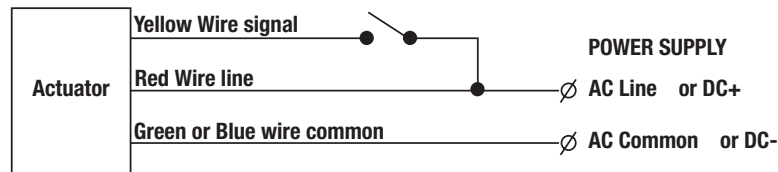
**CIRCUIT TYPE B**



**MS1130, MS1132**  
17in/lb,  
24VAC OR 9 - 24VDC

**3 WIRE CONSTANT POWER ON/OFF, FAIL LAST POSITION ACTUATOR WITH 2 POINT CONTROL (6 SECOND TRAVEL)**

**CIRCUIT TYPE C**



Valve actuator starting position can be established as either OPEN or CLOSED by the linkage set-up. If the valve is set-up in the open position the closing of the switch will drive it to the alternate position, and vice versa.