

# BTc Controls RP

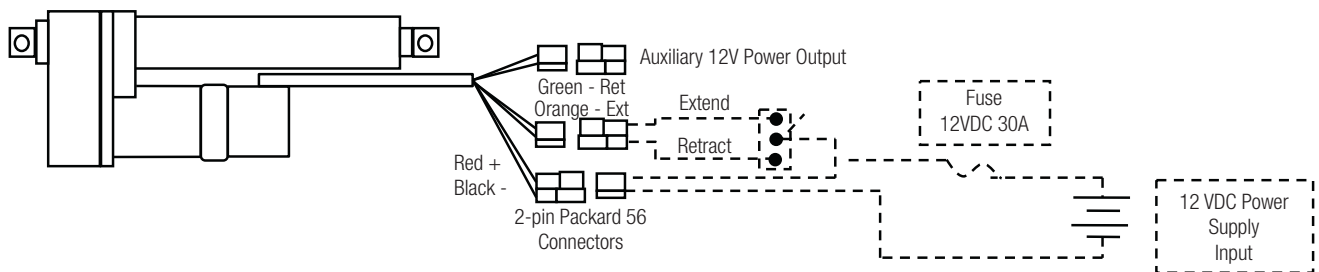
## RP Low Input Switching Control



Specifications	
Main Power Input:	12 VDC
Main Input Current:	25 Amps (at 25% duty cycle)
Operating Temperature:	-20° F to +150° F (-29° C to 66° C)
Auxiliary 12V Power Output:	12VDC
Low Input Switching Current:	67mA

This control provides the switching logic to use low current signal inputs for extending and retracting the actuator rod/screw. It mounts on the back end of Warner Linear's 12VDC B-Track motor/actuator product.

### Typical Wiring



All dashed lines are customer supplied connections

Actuator Extend = Orange +12VDC  
Actuator Retract = Green +12VDC

### Control Operation

Apply 12 VDC to the main power input. Use the same 12 VDC supply to apply positive voltage to the orange wire to extend the actuator rod. When done extending, remove the positive 12 VDC from the orange wire and apply to the green wire to retract the actuator.

The auxiliary power output is used to power additional 12VDC items as needed. The power is the same as the "Main Power Input" applied by the customer to the 2-pin Packard 56 connector. The total power available is based on the customer supplied Power Input provided. The fuse should then be sized to 135% of the total power needed.