



**SPECIFICATIONS**

To wire an actuator to the remote control PA-30 for double action (extension/retraction) and the DC speed controller (to control speed of extension/retraction for each actuator) make the connections between PA-30, power source (battery), DC speed controller, relay, diodes and actuator wires as follows:

|                            |   |
|----------------------------|---|
| Input Red                  | Battery Positive Terminal +               |
| Input Black                | Battery Negative Terminal -               |
| Output Red                 | Diode Bridge - D1 and Diode Anode         |
| Output Black               | Diode Bridge - D2 and actuator relay 14T2 |
| <b>DC Speed Controller</b> | <b>Connection To</b>                      |
| T1                         | Relay Terminal 4NC, 5NO                   |
| T2                         | Relay Terminal 1NC, 8NO                   |
| T3                         | Power Relay 12P                           |
| T4                         | Power Relay 9P                            |
| <b>Actuator Relay</b>      | <b>Connection To</b>                      |
| 1NC                        | DC Speed Controller Motor + (T2)          |
| 5NO                        | DC Speed Controller Motor - (T1)          |
| 9P                         | Actuator Terminal 1 (Black)               |
| 4NC                        | DC Speed Controller Motor - (T1)          |
| 8NO                        | DC Speed Controller Motor + (T2)          |
| 12P                        | Actuator Terminal 2 (Red)                 |
| 13 T1                      | Diode Cathode                             |
| 14 T2                      | Remote Control Output Black               |
| <b>Power Relay</b>         | <b>Connection To</b>                      |
| 5NO                        | Battery Positive Terminal +               |
| 9P                         | DC Speed Controller T4                    |
| 8NO                        | Battery Negative Terminal -               |
| 12P                        | DC Speed Controller T3                    |
| 13 T1                      | Diode Bridge - D3                         |
| 14 T2                      | Diode Bridge - D4                         |

