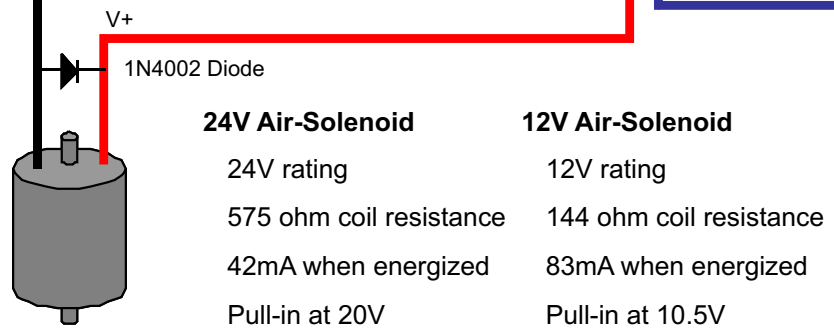
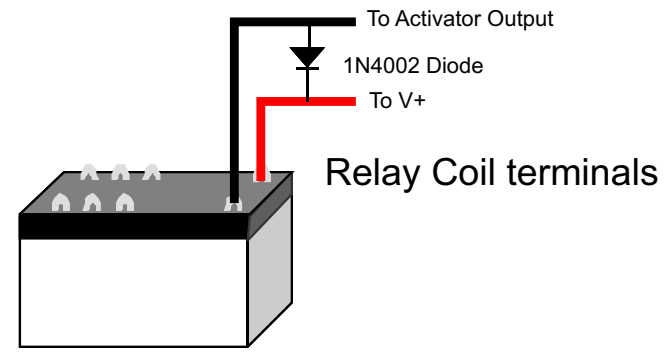


# Activator Hookup To Air-Solenoids or Relays



24V Air-Solenoid	12V Air-Solenoid
24V rating	12V rating
575 ohm coil resistance	144 ohm coil resistance
42mA when energized	83mA when energized
Pull-in at 20V	Pull-in at 10.5V

**For 12V Solenoids or Relays – Set DCPS to 15V**  
**For 24V Solenoids or Relays – Set DCPS to 24V**



## Air-Solenoid

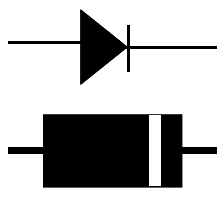
CP switch UP for continuous operation



With this hookup, the solenoid turns on when F3 is pushed and turns off when F1 is pushed. No connection is made to the left terminal of an output group.

Hookup the turnout such that its dominate or “normal” position is achieved with the solenoid OFF. This will minimize heating of both the Activator and the solenoid.

If external protection diode is used, place it across the solenoid terminals with banded end tied to V+ and non-banded end tied to terminal going to the Activator Output. For low current and relatively infrequent operation, the external diode can be eliminated.



The relay is hooked up exactly like the Air-Solenoid. F3 turns on the relay and F1 turns off the relay.

Hookup the relay such that the it is normally OFF most of the time. This will minimize heating of both the Activator and the relay.

If used, the external diode is also hooked up the same way as the solenoid.

**Be sure to set the DCPS voltage setting as described or you may damage the relay or solenoid.**