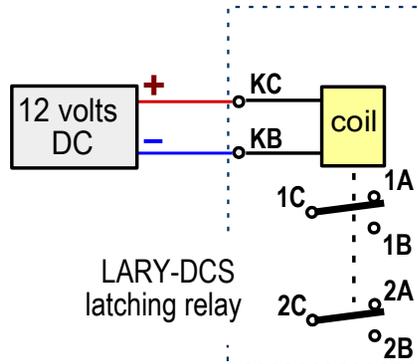


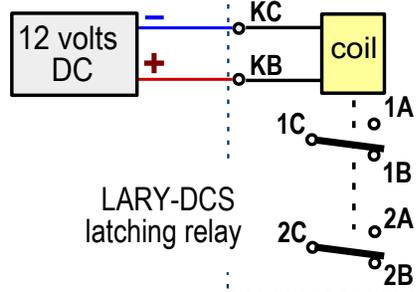
Azatrax DPDT Single-Coil Latching Relay, LARY-DCS

This relay has two double-pole contacts controlled by a single coil.

The coil is polarity sensitive. When DC voltage is applied to KC (positive) and KB (negative), terminal 1C will connect to 1A, and terminal 2C will connect to 2A.



When the +/- polarity is reversed at KC and KB, the contacts will switch. Terminal 1C will connect to 1B, and terminal 2C will connect to 2B.



- Coil voltage: 10 to 16 v DC
- Coil resistance: 1400 Ω
- Contact rating: 2 amps max,
40 v max, AC or DC

Application Examples

The coil of this relay can be wired in parallel with a 2-wire single-solenoid 'snap' switch machine (Kato, LGB, AristoCraft).

The relay contacts may then be used to control signal lights or to steer track power to sidings, reverse loops or turnout frogs.

If the signals are LEDs, use a series resistor and observe proper +/- polarity.

Most LED signals are wired with the 'common' wire as positive (+), and the individual colors are negative (-). Verify this with the signal manufacturer's instructions.

If the LEDs seem too bright, use higher value resistors.

