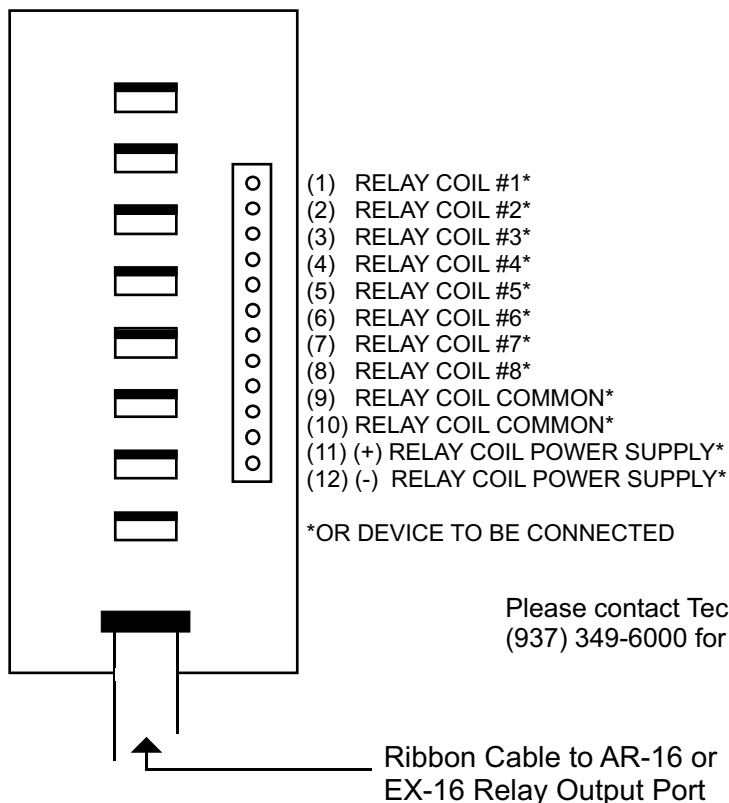


RYD-8 RELAY DRIVER CARD



SPECIFICATIONS RYD-8 RELAY DRIVER CARD

Size.....	2.25" by 4.875"
Weight.....	2.5 ounces
Relay Outputs.....	8
Maximum current rating.....	3 amp (requires heat sinks above 1.5 amps, 60 watts max)
Input voltage range.....	5 to 48 volts DC (voltage must match relay coil requirement)
Ribbon cable length.....	15 inches
For use with.....	AR-16, AR-8MF, AR-12, EX-8M, EX-16 and EX-32

One side of the relay coil of each relay must be connected to one of the relay common terminals (two terminals are provided for all eight relays, terminal #9 and terminal #10).

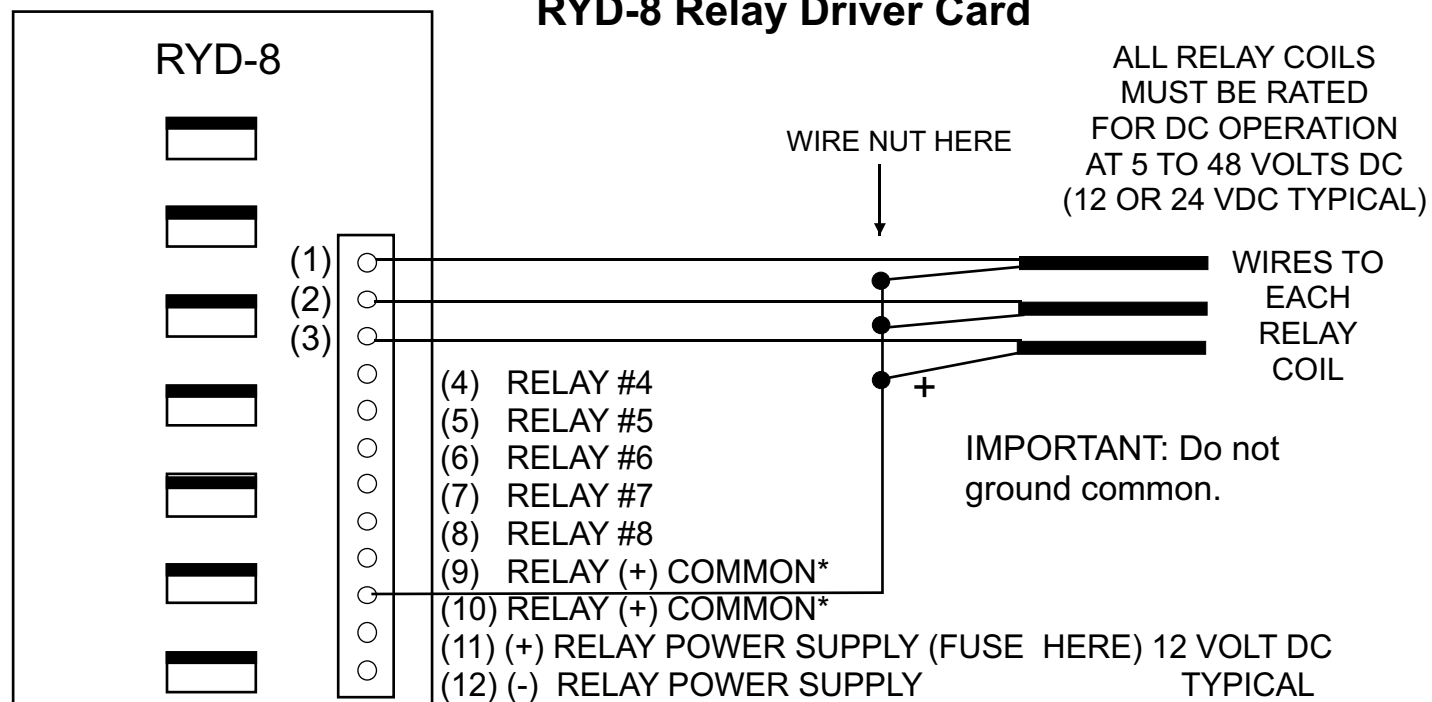
ALL EIGHT RELAY COILS (or connected device) MUST OPERATE AT THE SAME VOLTAGE.

NOTE: When opto-isolators are installed on the AR-16 relay interface or EX-16 relay expansion card, a separate isolated power supply should be used for the power input to the RYD-8 to power the relay coils or other devices. Failure to use an isolated power supply will defeat the purpose of the opto-isolators.

Click to see photo: www.eeci.com/ryd-8p.htm

www.eeci.com

RYD-8 Relay Driver Card



**CAUTION: REVERSED POLARITY AT RYD-8
TERMINALS 11 & 12 WILL CAUSE DAMAGE!**

*NOTE: Do not ground the relay common. Connect the relay power source to terminals 11 and 12 only. The relay commons should be connected in groups of 8 only... DO NOT GROUND TO OTHER RELAY COMMONS. FUSING THE (-) RELAY SUPPLY WILL NOT PROTECT THE RYD-8 FROM GROUND FAULTS. A provision for providing fusing is located on the RYD-8 circuit board (cut circuit track if installing fuse and holder) or you may order the RYD-8 with fusing installed. It is highly recommended that you connect the RYD-8 to the AR-16, EX-16 or EX-32 that have the opto isolator option installed (AR-16/C or EX-16/C). This will protect your electronics from damage in the event of incorrect wiring (keep in mind that if opto isolators are not installed, the RYD-8 will be connected to an earth ground through the ribbon cable and through the RS-232 signal ground which is connected to ground with the third prong on your desktop AC cord).

Ribbon Cable to AR-16, AR-8MF, EX-8M, EX-32 or
EX-16 Relay Output Ports

Call (937) 349-6000 for free
Technical Support

Electronic Energy Control Inc
www.eeci.com