- Use relay board with voltage matching available power supplies: 5V, 12V, or 24V. (12V shown)
- If using 5V relay board, a separate 5V power supply recommended rather than using MEGA 5V out PIN
- For "Active High" or "High Trigger" relay boards: relays must trigger with 5V from MEGA - check with manufacturer as many >5V will not.
- Ensure relay board inputs do not exceed more that 5 mA
- For "Active Low" or "Low Trigger" relay boards: set 'Active Low' switch in Digital Output devices in BruControl. Set "reversed" for Hysteresis devices.
- Due to above criteria, 12V "Active Low" or "Low Trigger" relay board is recommended
- If using 12/24V Active Low board, board Vcc powers opto-isolators and should be connected to 5V and board JD-Vcc powers relays and should be connected to relay voltage level (e.g. 12 or 24V).
- Relay board can be single or multiple gang (double shown here)
- Wire each relay board input to unique digital output PINS - see Interface Wiring Map
- High voltage pump shown for example - voltage source and current can be any as long as meets relay contact specifications. Wire to NO or NC contacts as needed