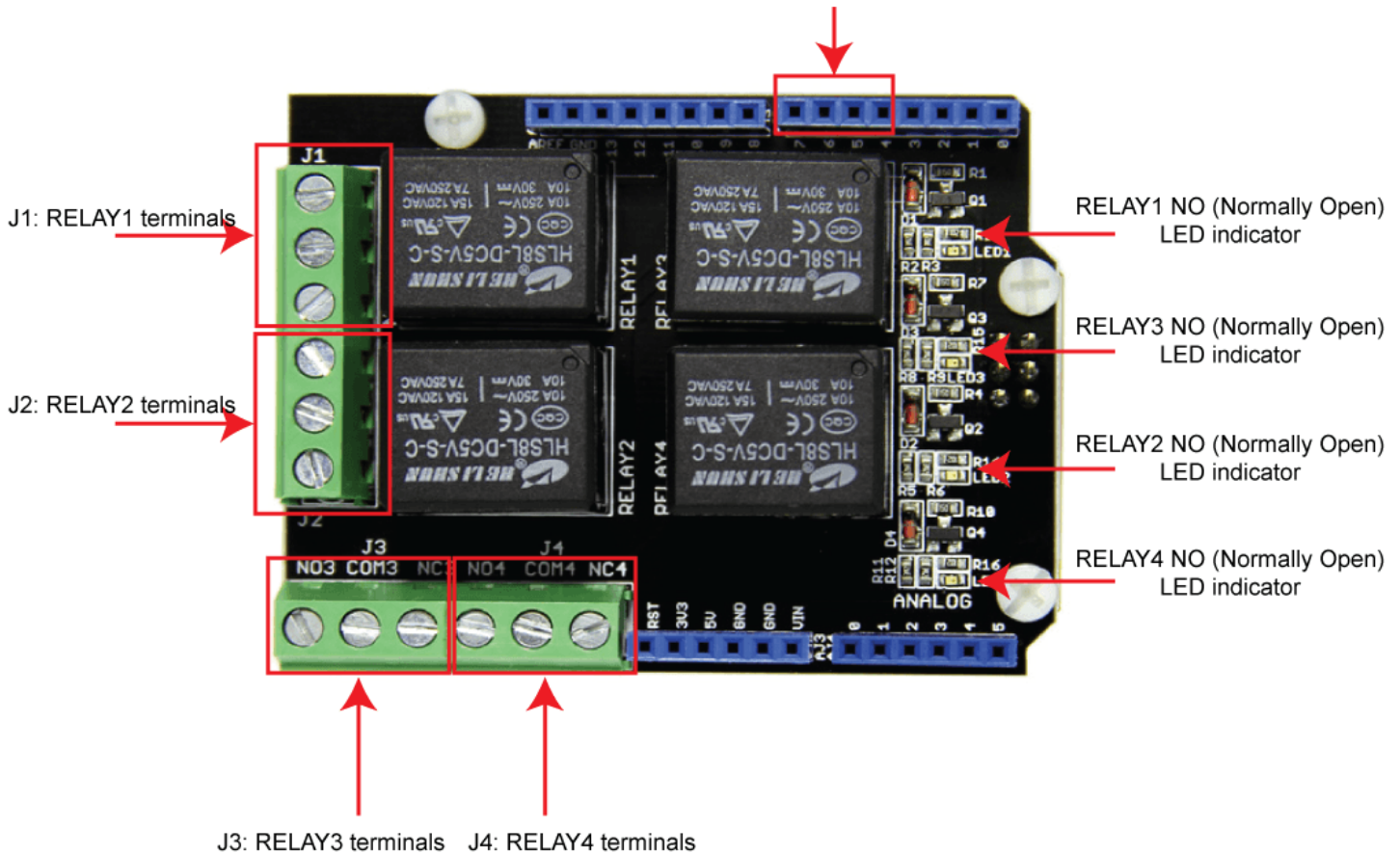


30440-MP

Relay control pins.
Arduino Digital pins 4-7 used for
relays 4,3,2, and 1 respectively



Relay Shield V2.0 terminal connections description

- Digital 4 – controls RELAY4's COM4 pin (located in J4)
- Digital 5 – controls RELAY3's COM3 pin (located in J3)
- Digital 6 – controls RELAY2's COM2 pin (located in J2)
- Digital 7 – controls RELAY1's COM1 pin (located in J1)

J1 Interface/Terminal Pin Description:

- **COM1 (Common Pin)** : The relay pin controlled from the digital pin.
- **NC1 (Normally Closed)**: This terminal will be connected to COM1 when the RELAY1 control pin (Digital 7 I/O pin) is set low and disconnected when the RELAY1 control pin is set high.

- **NO1 (Normally Open):** This terminal will be connected to COM1 when the RELAY1 control pin (Digital 7 I/O pin) is set high and disconnected when the RELAY1 control pin is set low.

Terminals J2-4 are similar to J1 except that they control RELAY2-RELAY4 respectively.

Note: Only four Arduino Digital I/O pins, pins 4-7, are required to control the four different relays. Additionally the 5V and two GND Arduino pins are also required to power up the Relay Shield.

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