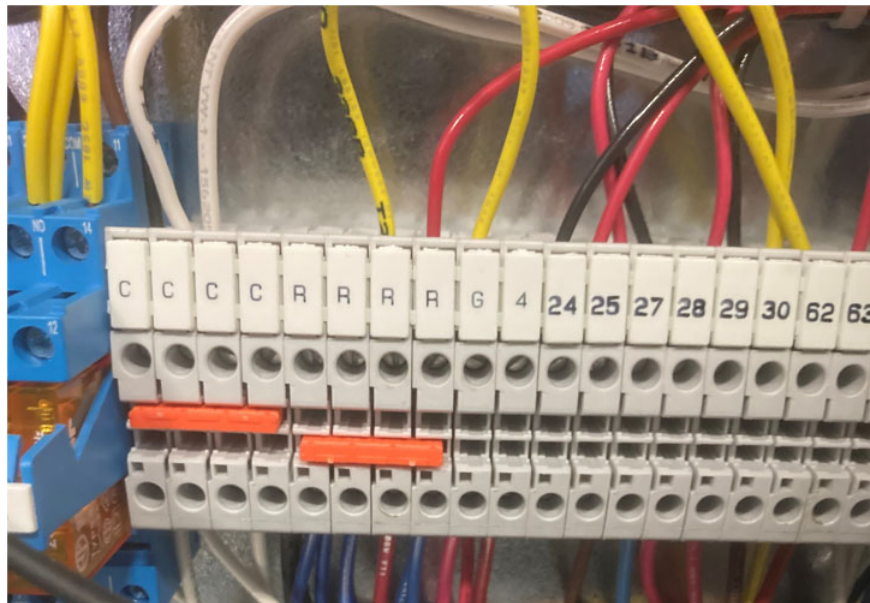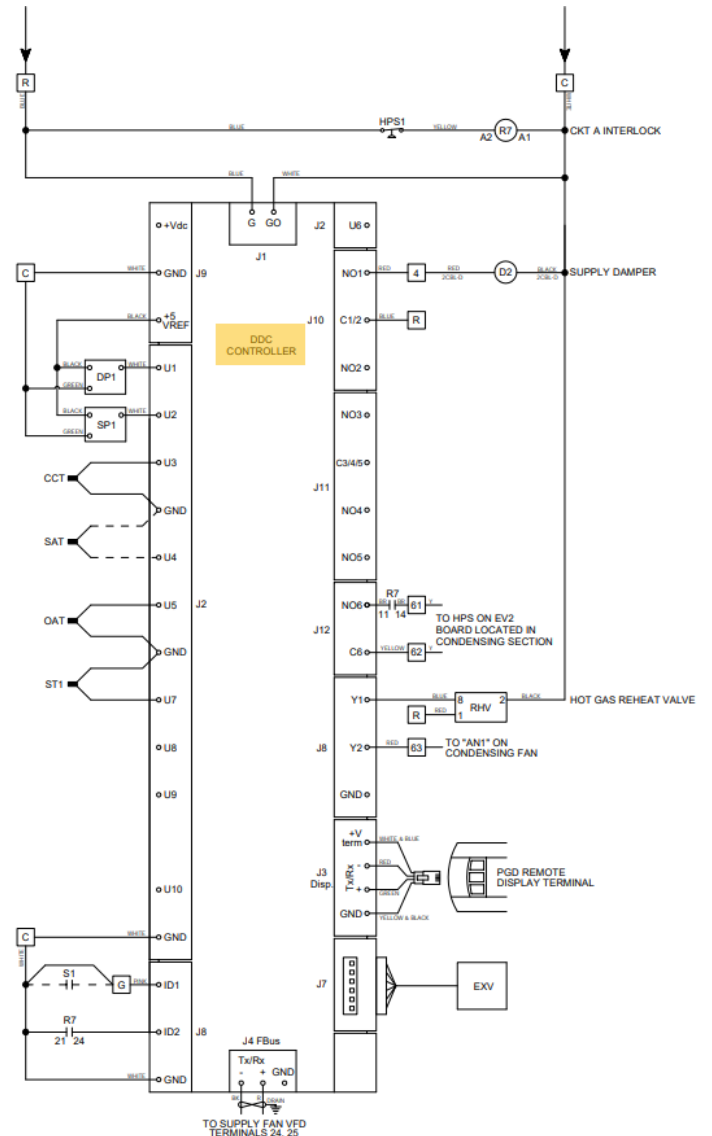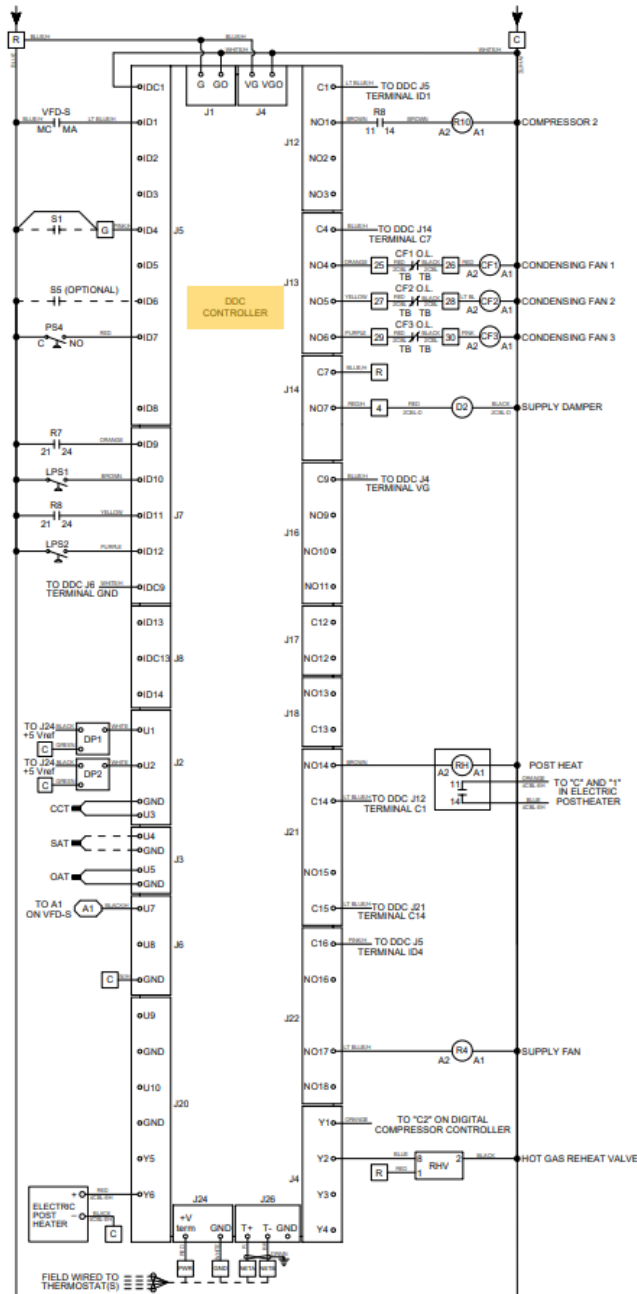## Frequently Asked Questions

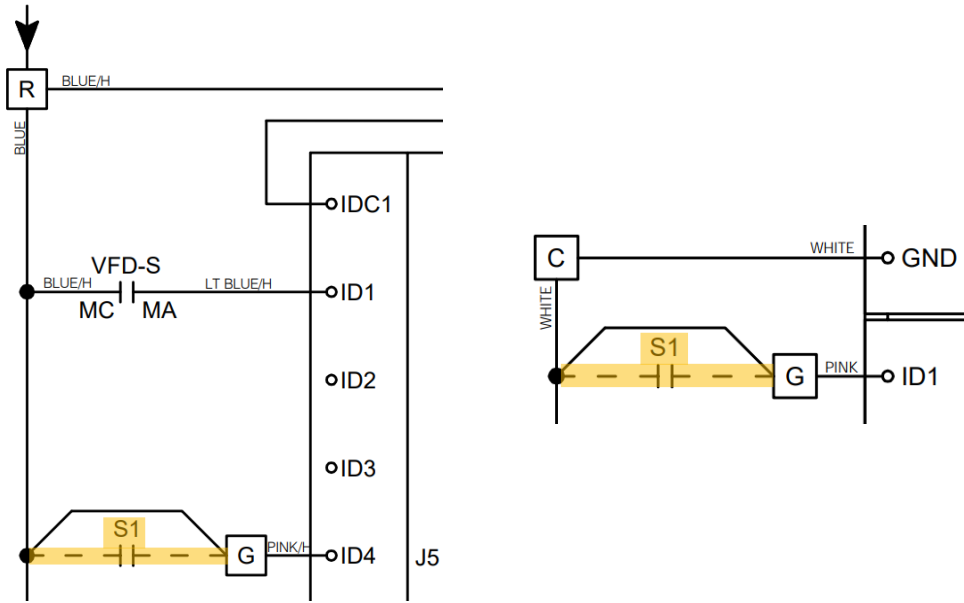**Where do I connect my smoke detector/fire alarm/emergency shutdown to my unit?**

1. Locate the DIN rail mounted terminal blocks in the low voltage controls cabinet.
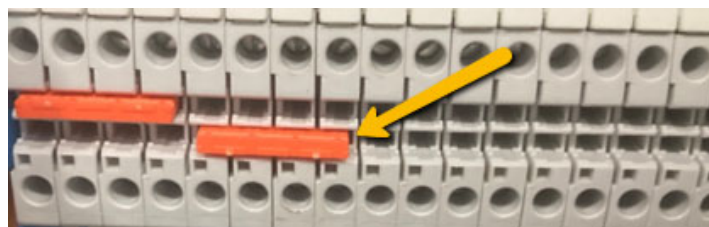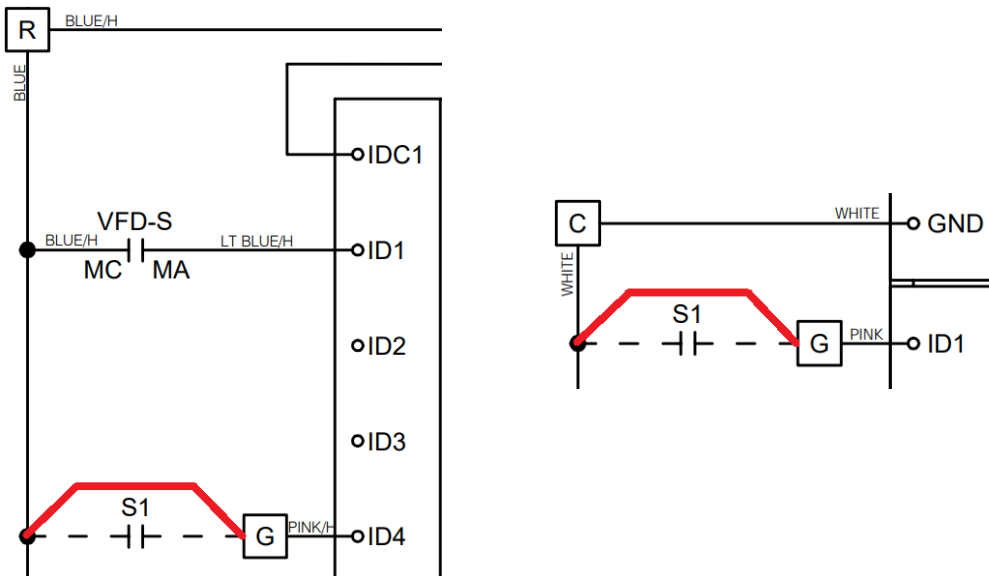
2. Locate your low voltage electrical schematic. This should be pasted to the inside of the control's cabinet door. The low voltage electrical schematic will have the DDC controller on it. It will look like one of the two images below.

3. Find the normally open contact S1 on the low voltage electrical schematic. It should show the contact as being field wired, with a factory jumper wire bypassing it. Examples of the S1 contact on low voltage electrical schematics are shown below.

4. Remove the factory jumper connection between the specified terminal blocks (**R to G** or **C to G** depending on your unit's wiring diagram). This jumper may be a wire connecting the two terminal blocks or an orange jumper bar that fits into the front face of the terminal blocks like below.

5. Wire the emergency shutdown (fire alarm, smoke detector, etc.) as normally closed between the specified terminal blocks (**R to G** or **C to G** depending on your unit's wiring diagram). Wiring the emergency shutdown as normally closed (shutdown contact opens on alarm) will cause the unit to shut down when the contact opens.
    a. The unit will only allow itself to be enabled when the specified terminal blocks are connected to each other.
    b. Without a connection between the terminal blocks, the unit will sit in a "Remote Off" state.
    c. If you have more than one device that needs to be able to shut down the unit, multiple normally closed contacts can be used in series, between the specified terminal blocks (**R to G** or **C to G** depending on your unit's wiring diagram).
        i. Wiring multiple normally closed contacts in series between these terminal blocks will mean that if either or both contacts open the unit will be disabled/shut down.