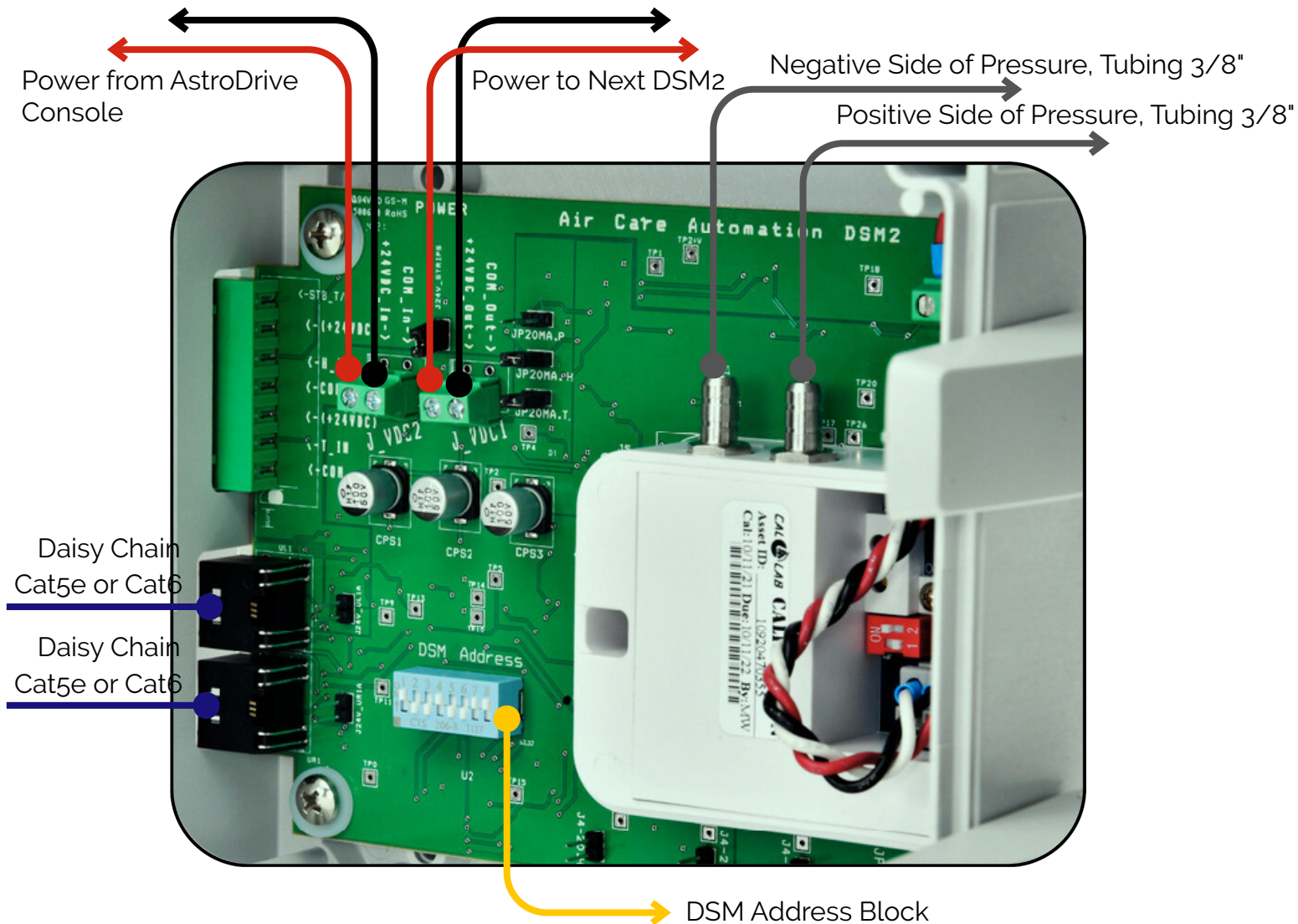


DSM 2 Wiring and Setup Guidelines

DSM 2s require two connections from the AstroDrive Console. Please see the diagram on the next page on how to wire and setup.

1. 24VDC – The connection will be made internally in the DSM
 - a. Recommend using 18 AWG 2 Conductor wire
 - b. The connection will be made to the two-terminal socket on the left as seen looking into the DSM 2. With the positive line attached to the left terminal and the common attached to the right terminal



1. Cat5e Daisy Chain
 - a. Recommend using plenum rated Cat 5e or greater
 - b. Either port may be used for connection to the Astro Drive console or the next DSM 2 in the daisy chain.

productsupport@aafintl.com

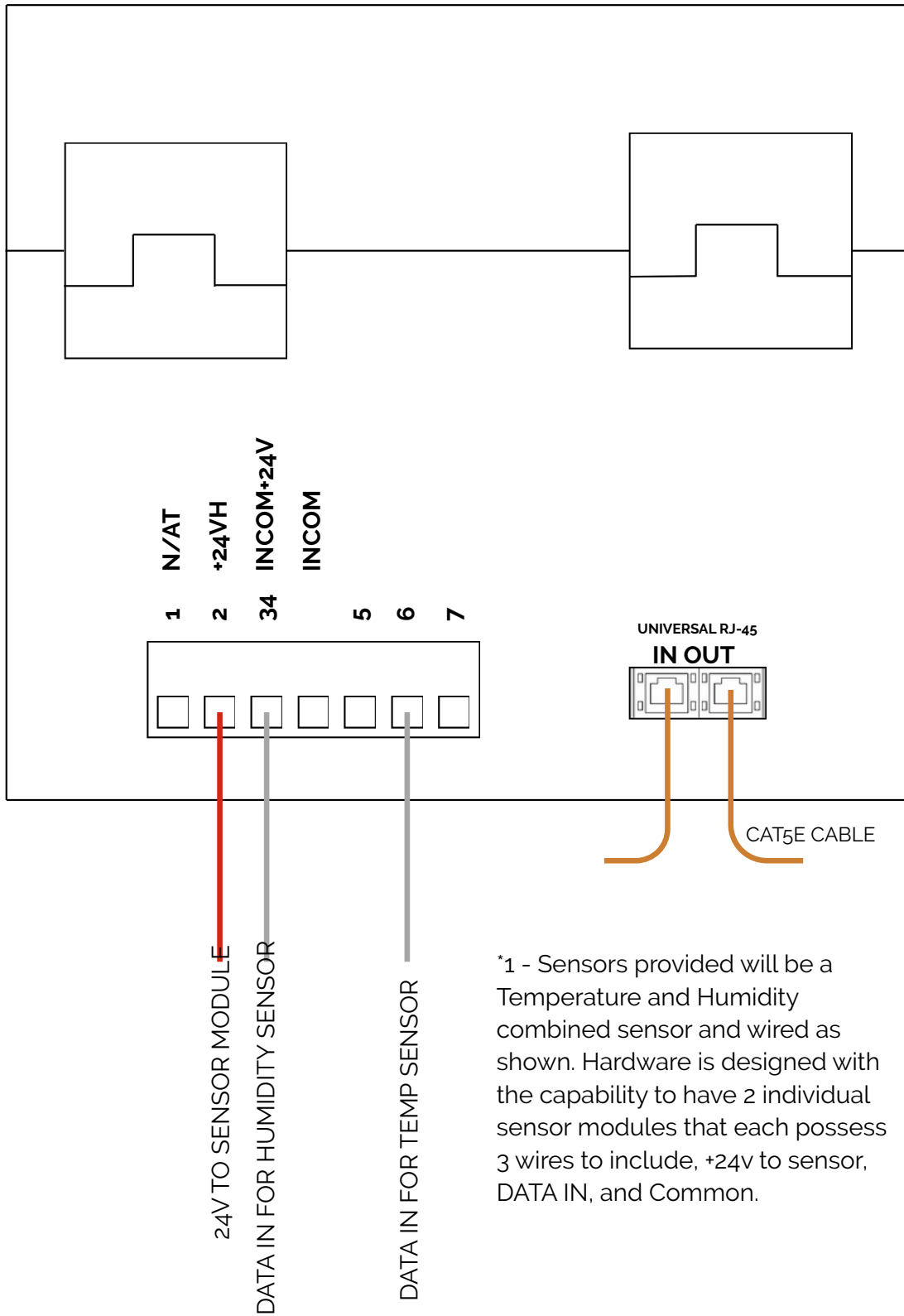
9920 Corporate Campus Drive, Suite 2200
Louisville, KY 40223

www.aafintl.com

Tel: 1 (888) 223-2003



DSM 2 Wiring and Setup Guidelines

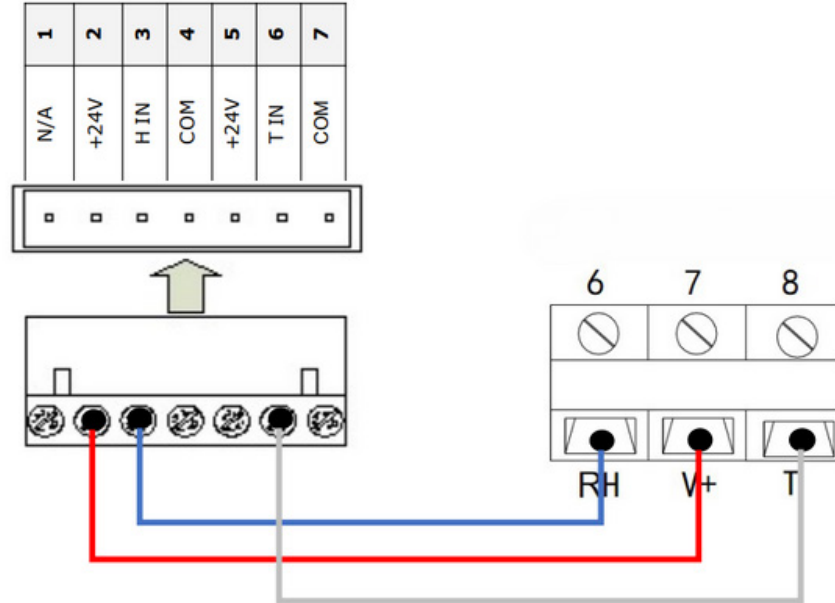


*1 - Sensors provided will be a Temperature and Humidity combined sensor and wired as shown. Hardware is designed with the capability to have 2 individual sensor modules that each possess 3 wires to include, +24v to sensor, DATA IN, and Common.

DSM 2 Wiring and Setup Guidelines

3. Sensor Wiring

- a. 18/4C AWG thermostat wire non-shielded is provided by DSM Wiring Kit
- b. The Sensor will be attached to the terminal block visible on the exterior left side of the DSM, as seen from the blank face plate.



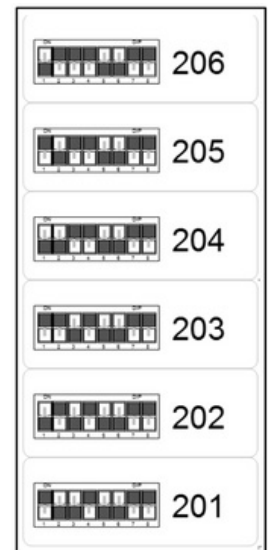
3 conductor 18-22AWG twisted pair, copper conductors to wire the sensor to the labeled terminal blocks on the outside the DSM enclosure.

4. Pressure Tubing

- a. Pressure tubing is provided in a DSM wiring Kit.

5. For each AstroDrive/DSM system you must start at Address 201. This is set on the DSM via the DIP Switches above the RJ45 Ports. 8 Position DIP switch is in Binary Format

- Group 1 DSM – 201**
- Group 2 DSM – 202**
- Group 3 DSM – 203**
- Group 4 DSM – 204**
- Group 5 DSM – 205**
- Group 6 DSM – 206**



Addresses for each DSM.

On the next two pages are example graphics of DSM's configured in a daisy chain; the first graphic depicting DSM's while the latter depicts the DSM 2 models.