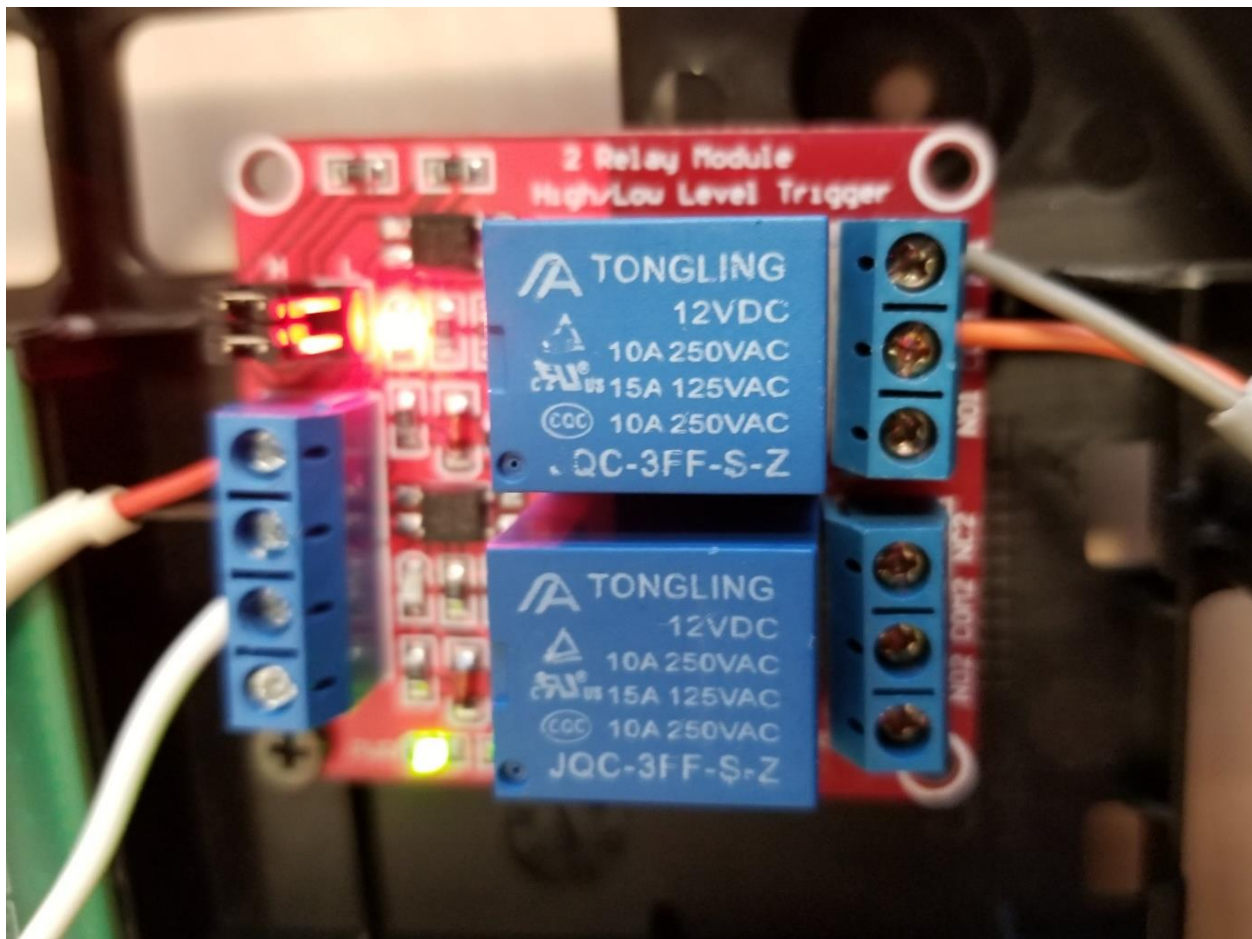


How to wire a QTimer internal to the 3M G5 base station for Menu, service window and greet detection

Parts required to make all detection points internal to the base station:

- 2 - 3M G5 Internal loop detectors
- 2 - Relay Module for greet detection (picture attached below)

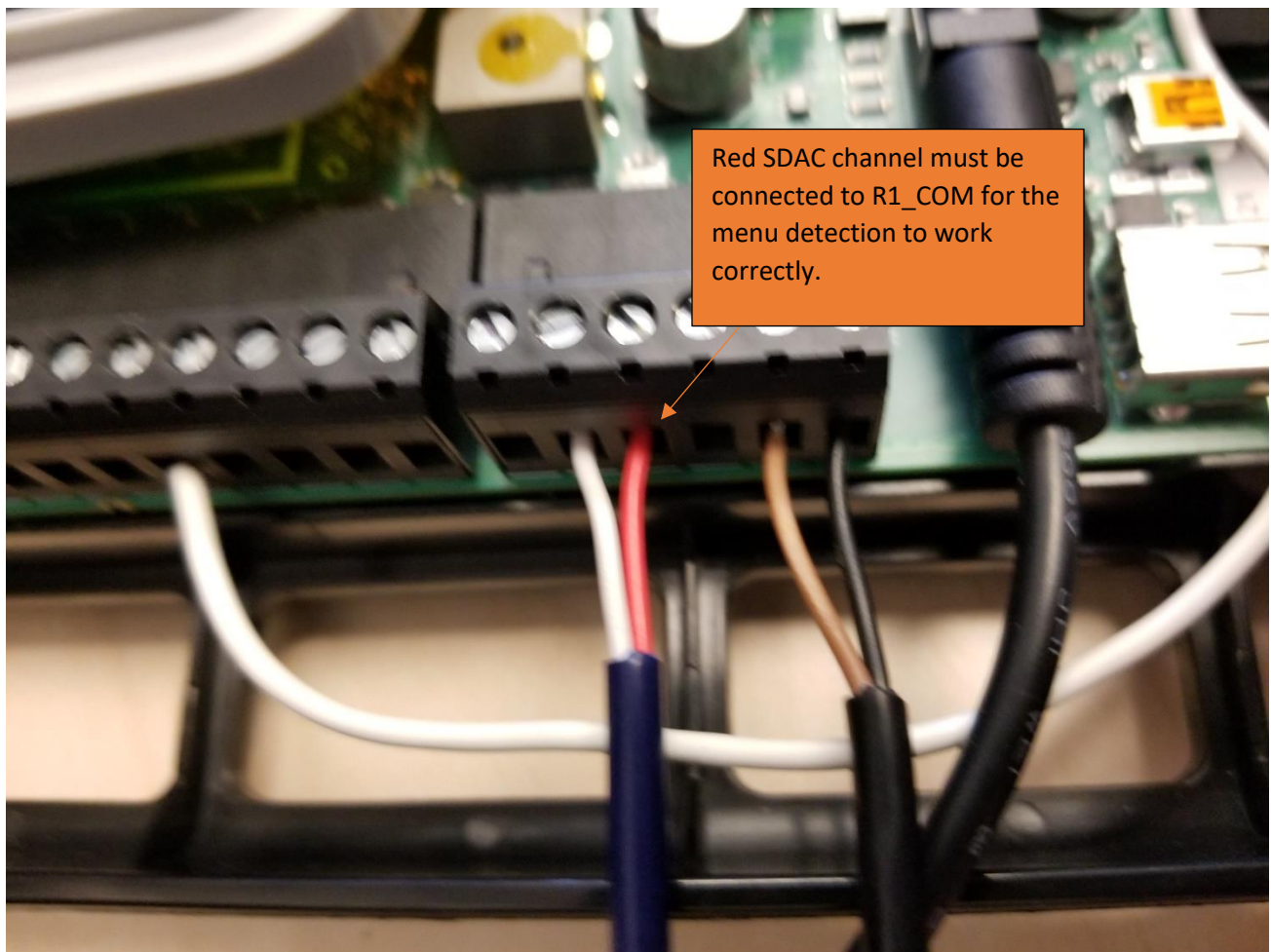


If you don't have the 2-relay module, then an external loop detector will need to be installed for the window or the module will need to be purchased by the install vendor.

Menu detection wiring diagram:

Connect the white wire from the blue SDAC channel to the R1_NO.

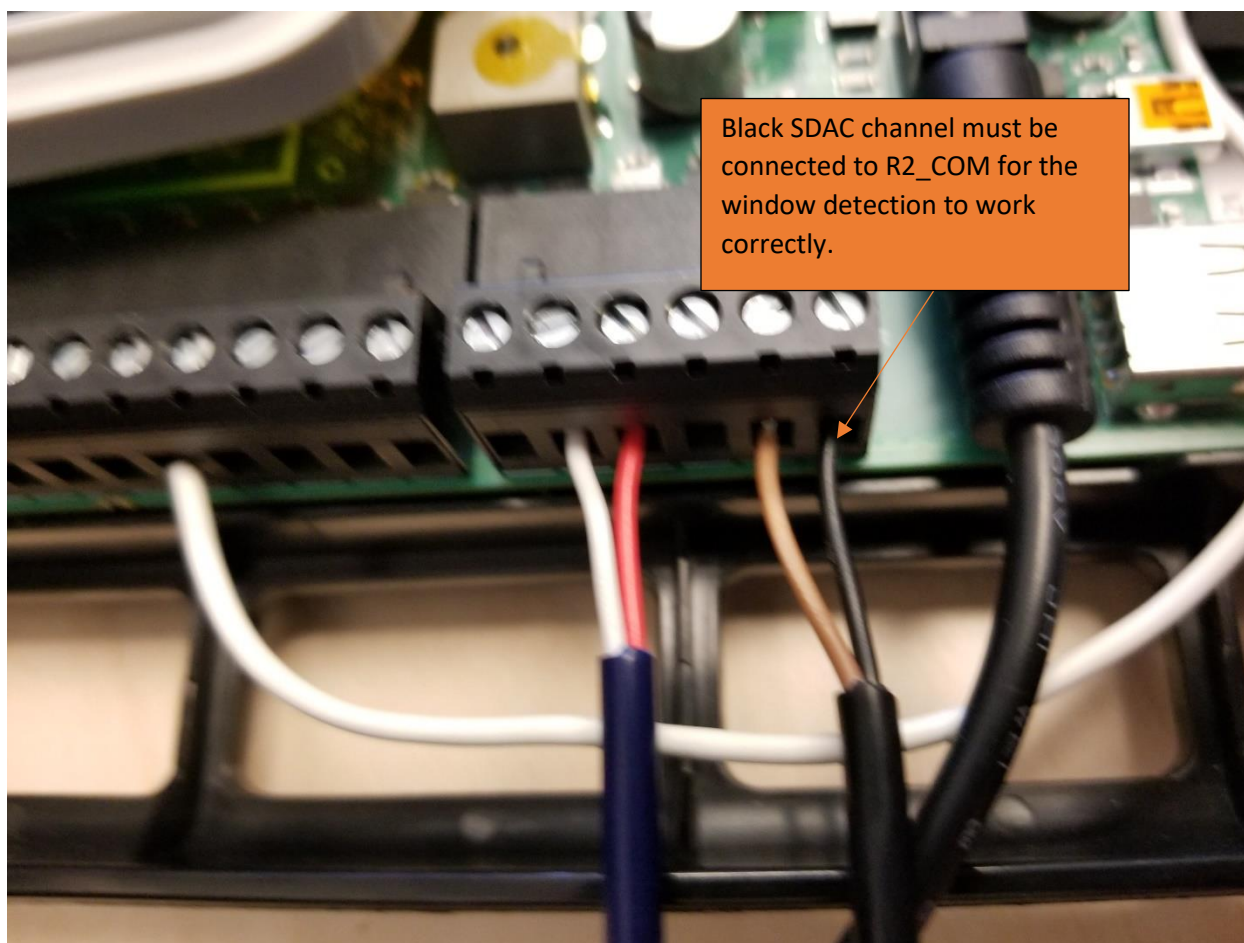
Connect the red wire from the blue SDAC channel to the R1_COM. (R1_NC will not be used)



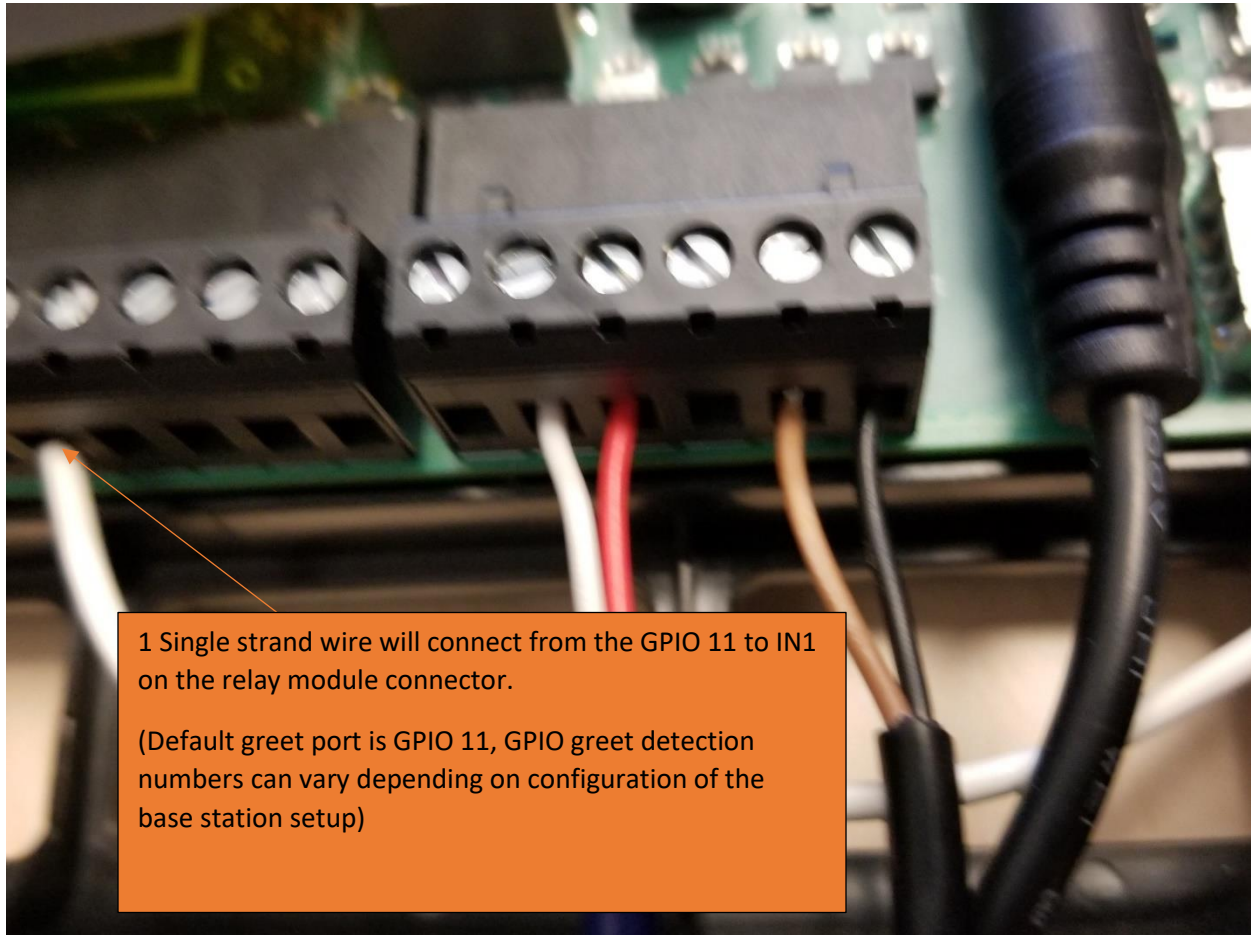
Window detection wiring diagram:

Connect the brown wire from the black SDAC channel to the R2_NO.

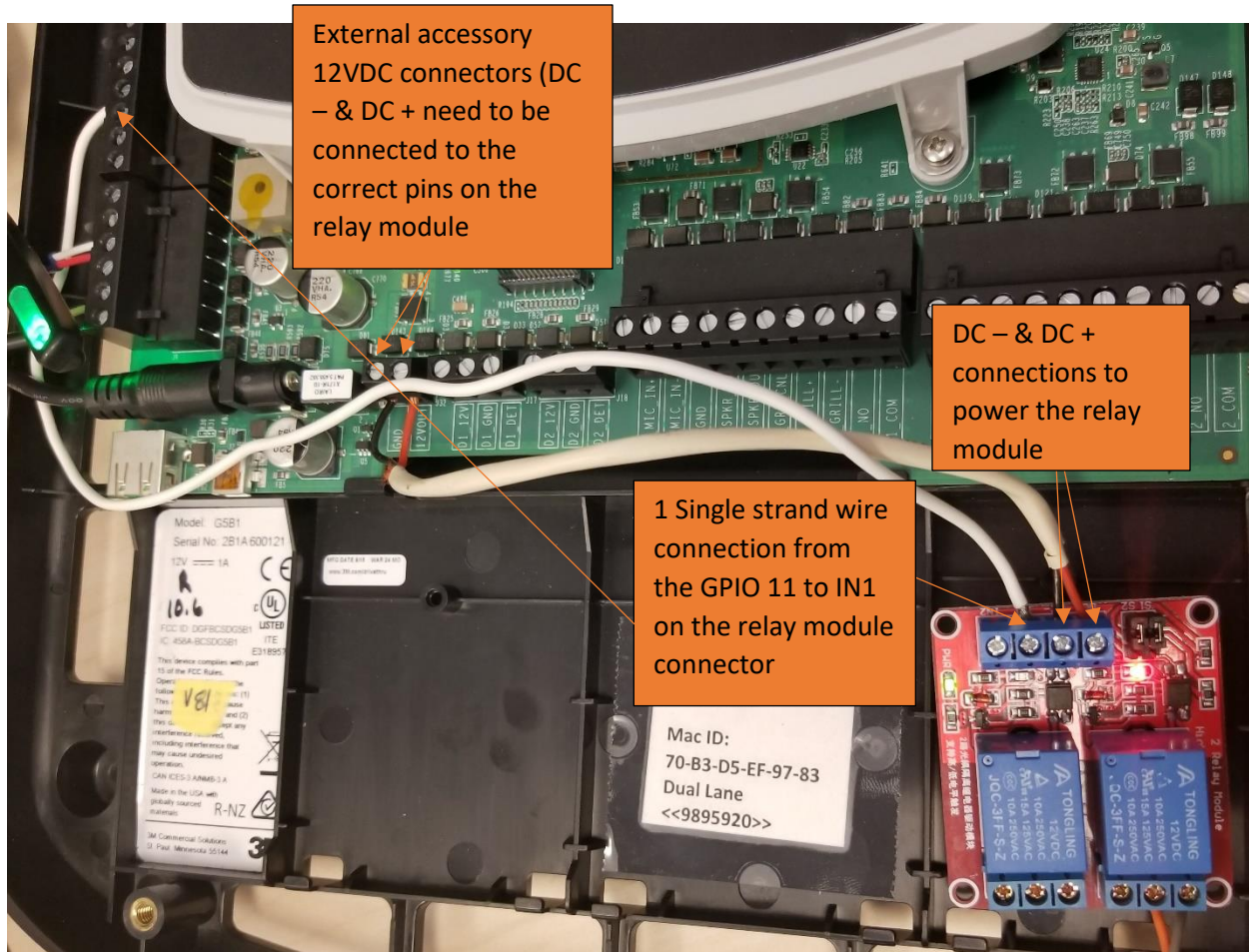
Connect the black wire from the black SDAC channel to R2_COM. (R2_NC will not be used)



Greet detection wiring diagram:

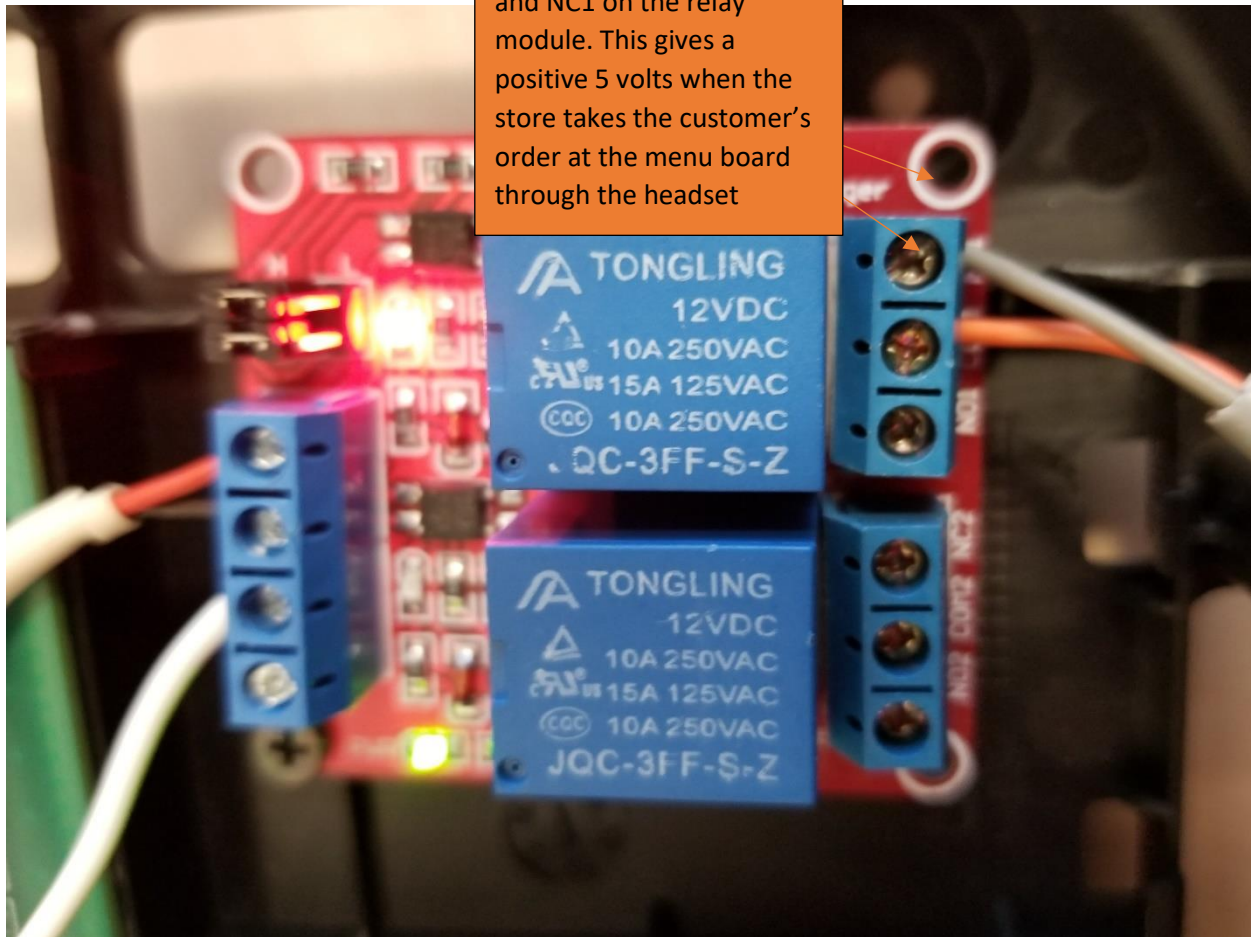


Connecting power to the relay module:

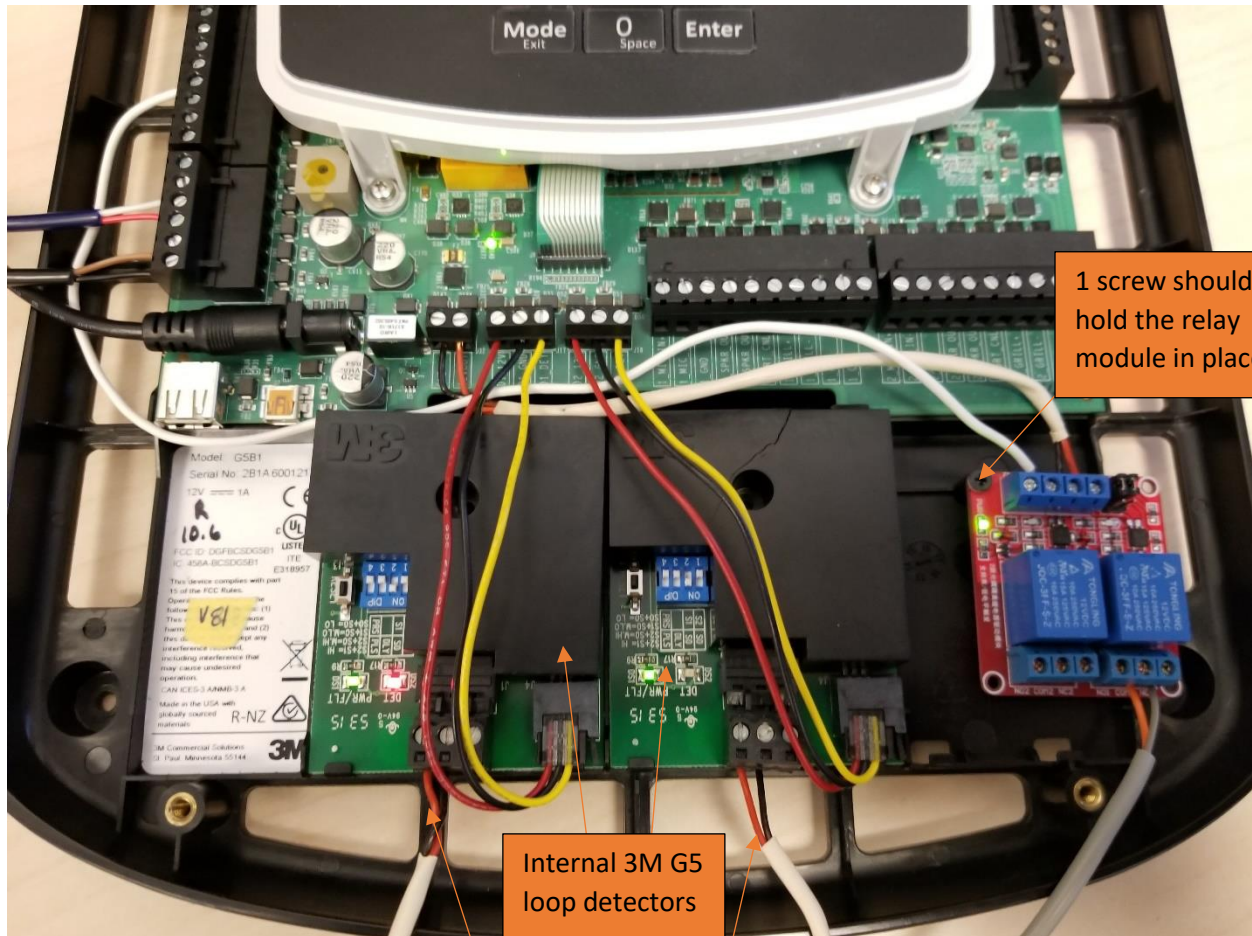


Connecting SDAC to relay module for greet detection:

SDAC connects to COM1 and NC1 on the relay module. This gives a positive 5 volts when the store takes the customer's order at the menu board through the headset



Full installation pictures once the internal detectors and relay module are properly installed:



1 screw should hold the relay module in place

Internal 3M G5 loop detectors

Connections to the internal detections from the ground loop for both menu and window service points