

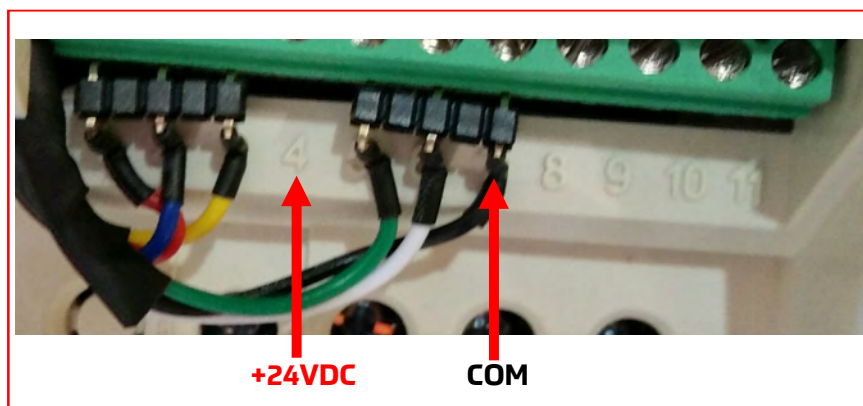
## GFY® Connection For ESRF Suppression System

ACS255 Controller - 100-120VAC & 200-240VAC Single Phase Applications

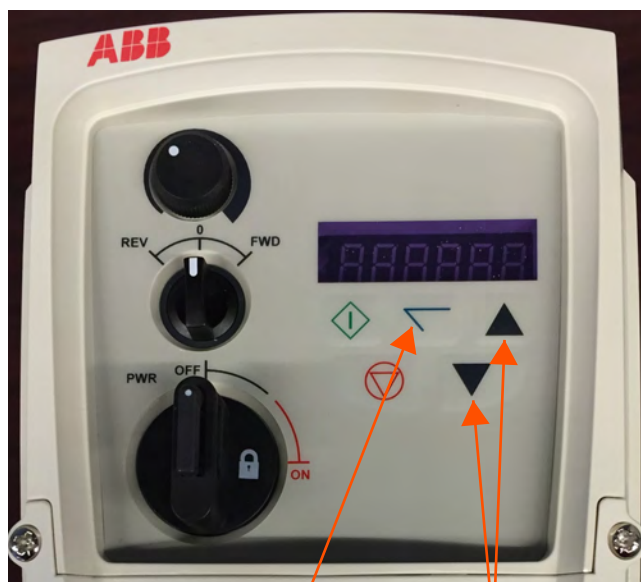
This diagram is designed to take a PNP (Sourced) +24 VDC signal from an ESRF fire suppression system. The ESRF system will supply the +24 VDC power.

Run the +24 VDC signal wire to terminal 4 and route 0V COM to terminal 7. There should be room in the terminal block to accept both wires on terminal 7.

To enable the ESRF signal input see the programming steps below. The drive will go into a fault condition once the 24VDC signal is lost and will not allow fan operation until that signal is restored.



### Programming Instructions for the GFY® ACS255 Controller



Enter/Select      Up/Down  
Arrows

- 1) Once ESRF connection is complete from fire suppression system. Power up the drive.
  - a) Display should say "StoP".
- 2) Hold "Enter/Select" for 1 second.
  - a) Drive will enter programming mode.
  - b) PAR S (parameter short list) should be displayed.
  - c) Press "Enter/Select".
  - d) Display should show 4 digits (they may be "0000").
- 3) Use Up/Down Arrow Keys and locate parameter 9902.
  - a) Press "Enter/Select" to select.
- 4) Use Up/Down Arrow Keys to change parameter 9902 setting to "6".
  - a) Press "Enter/Select" to save.
  - b) Display should return to parameter 9902.
- 5) Press and hold "Enter/Select" until display reads "StoP". You have exited programming mode.
- 6) Drive will immediately fault if ESRF signal is missing.