

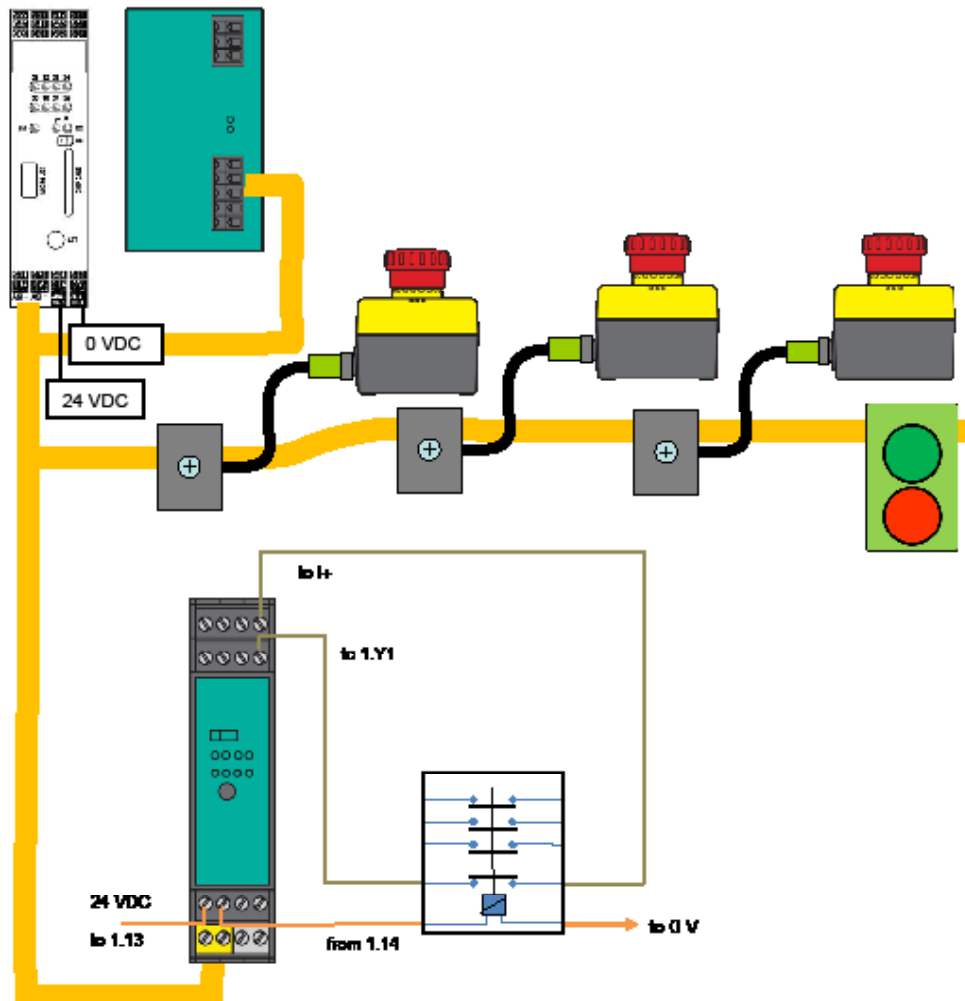
# CONTROLLING A REMOTE SAFE OUTPUT WITH EDM FEEDBACK

For information on the initial electrical connections that are required for this configuration, see the **Basic Setup** instructions for the case that uses the expansion port at [www.sensing.net/asi-solutions](http://www.sensing.net/asi-solutions)

## Expansion Example 4 – Controlling a remote safe output with EDM feedback

This is a modification of example 1 (simple e-stop setup). Whenever OSSD1 drops out, a safe remote output also drops out. The safe remote output is used to control a contactor and the NC feedback from the contactor provides EDM feedback.

- Three illuminated dry-contact e-stops connected to AS-Interface G10 safety modules
  - E-stop 1 has been assigned ADR=1
  - E-stop 2 has been assigned ADR=2
  - E-stop 3 has been assigned ADR=3
  - E-stop LEDs are used to indicate which e-stop is in the depressed (i.e., safe) state



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- One AS-Interface LED pushbutton module
  - o Pushbutton module has been assigned ADR=9A
  - o Green button is used as a reset input
  - o Green button LED flashing indicates that the system is in a resettable state (i.e., all e-stops are in the released state)
  - o Red button is used to reset errors on the remote safe
- output
  - AS-Interface safe output module
  - o For this example, Safe ADR=27
  - o The diagnostics address has been set to 10A

