

# EXPANSION PORT SETUP FOR A SIMPLE E-STOP, DOOR SWITCH, & LIGHT CURTAIN

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 3 — Simple e-stop, door switch, and light curtain setup

Any one of the three safe input devices deactivates the safe output OSSD1. When the e-stop and the light curtain have been released they must be activated (reset) using the green LED push button. Just as in Expansion Example 2, the magnetic door switch does not require a reset. The reset button must be pushed for at least 50 ms but no longer than 2 sec.

- One illuminated dry-contact E-stop connected to an AS-Interface G10 safety module
  - o E-stop has been assigned ADR=1
  - o E-stop LED is used to indicate that the e-stop has been depressed (i.e. is in the safe state)

- One AS-Interface intelligent safety magnetic door switches
  - o Magnetic door switch has been assigned ADR=4
- One electronic safety light curtain connected to an AS-Interface safe input module
  - o Safe input module has been assigned ADR=6
- 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 system is in a resettable state (i.e. e-stops released and light curtain cleared)

