

# SETTING UP A SAFETY CONFIGURATION 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 at [www.sensing.net/asi-solutions](http://www.sensing.net/asi-solutions)

## Example 3 – Simple e-stop, door switch and light curtain setup

This is a modification to example 2a. Any one of the three safe input devices will turn OFF the safe output OSSD1. When the e-stop or the light curtain has been released, the safety controller can be reset using input terminal S72. Just as in example 2a, the magnetic door switch does not require a reset.

### One dry contact e-stop

E-stop 1 connected to S11/S12 and S21/S22

### One safety magnetic door switch

- Magnetic door switch connected to S31/S32 and S41/S42. It is configured for a situation with considerable bounce.

### One light curtain

- Electronic safe outputs from light curtain are connected to S52/S61
- Power the light curtain from the same power supply used to power the safety controller

### Reset acting on the e-stop and the light curtain

- Reset is activated by applying +24 VDC to S72

