

Flexible Safety Unit

G9SX

CSM_G9SX_DS_E_7_1

Logical AND Function Adds Flexibility to I/O Expansion

- Facilitates partial or complete control system setup.
- Solid-state outputs (excluding Expansion Units).
- Detailed LED indications enable easy diagnosis.
- TÜV SÜD certification for compliance with IEC/EN61508 (SIL3), EN ISO13849-1 (PLe/Safety Category 4).
- Approved by UL and CSA.
- New unit joins the Series with the following two additional features:
 - OFF-delay time of up to 150 seconds can be set.
 - Two logical AND connection inputs

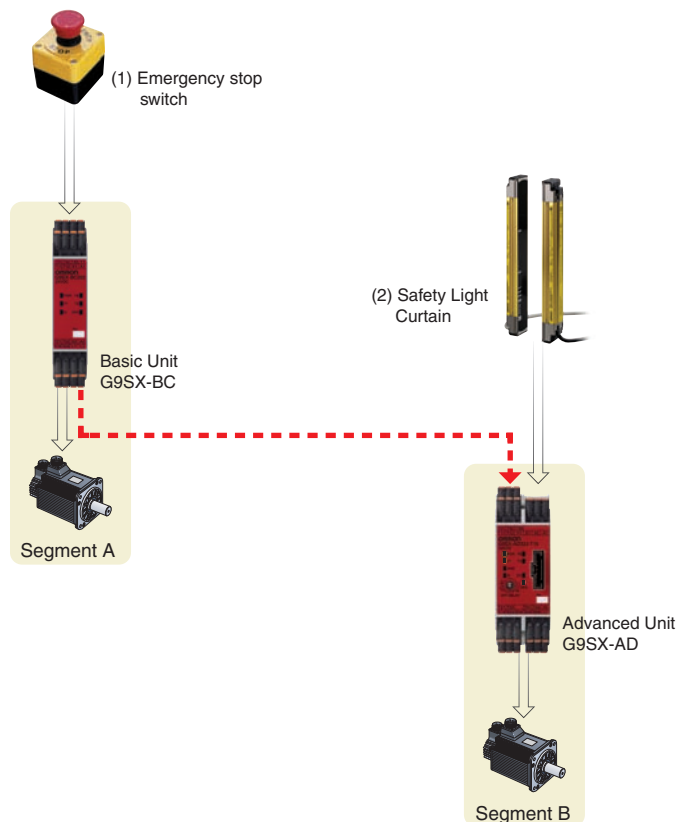
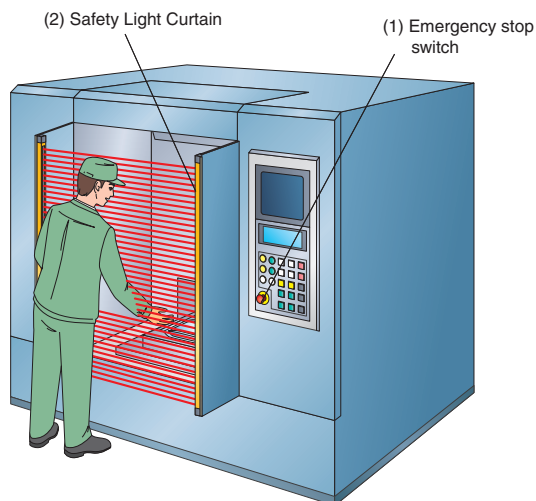
 Be sure to read the "Safety Precautions" on page 47.



Application Examples

Parts Processing Machine

- The entire device stops when the emergency stop switch is pressed.
- Only the processing section stops when the Safety Light Curtain is interrupted.



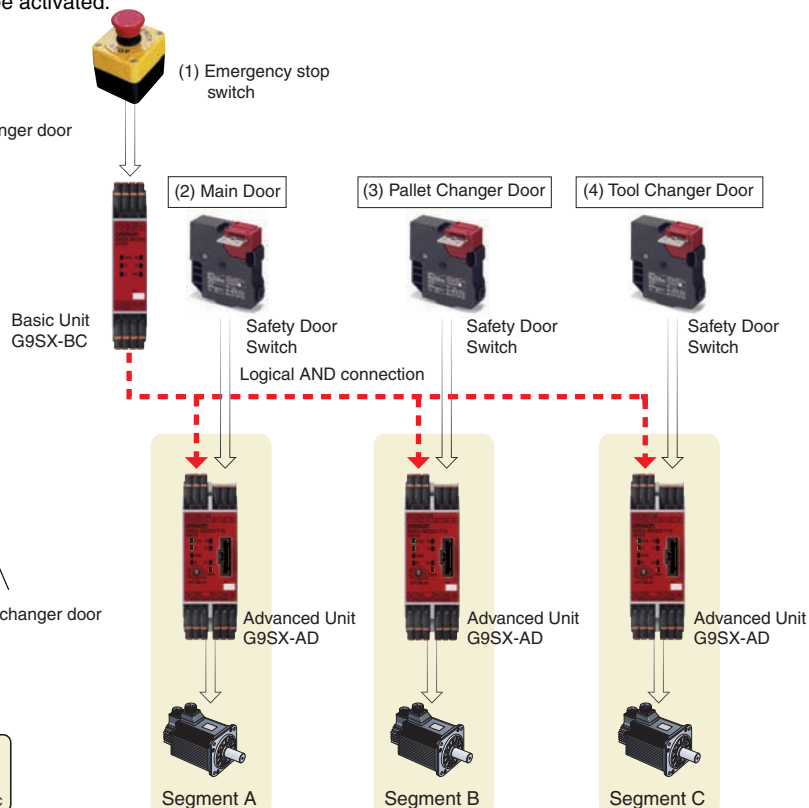
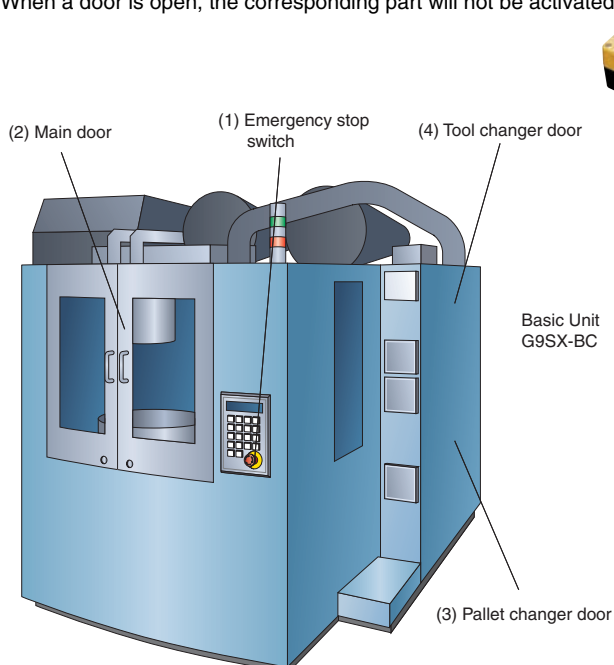
Operating Example

- (1) The emergency stop switch is pressed. (2) Safety Light Curtain is interrupted.



Machining Center

- When the Emergency Stop Switch is pressed, the entire machine will stop.
- When a door is open, the corresponding part will not be activated.



Operating Example

- (1) The emergency stop switch is pressed. (2) The main door is opened.

