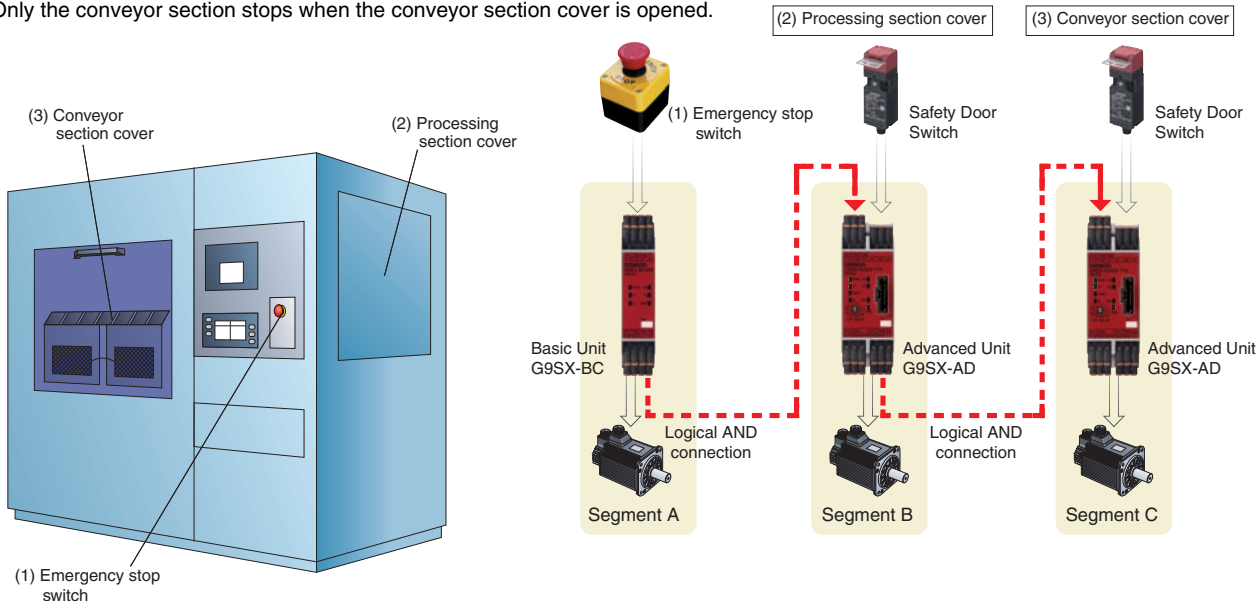
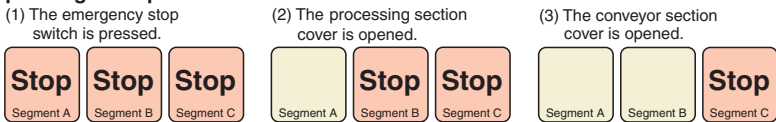


Semiconductor Manufacturing Equipment

- All of the equipment stops when the emergency stop switch is pressed.
- The processing section and conveyor section stop when the processing section cover is opened.
- Only the conveyor section stops when the conveyor section cover is opened.

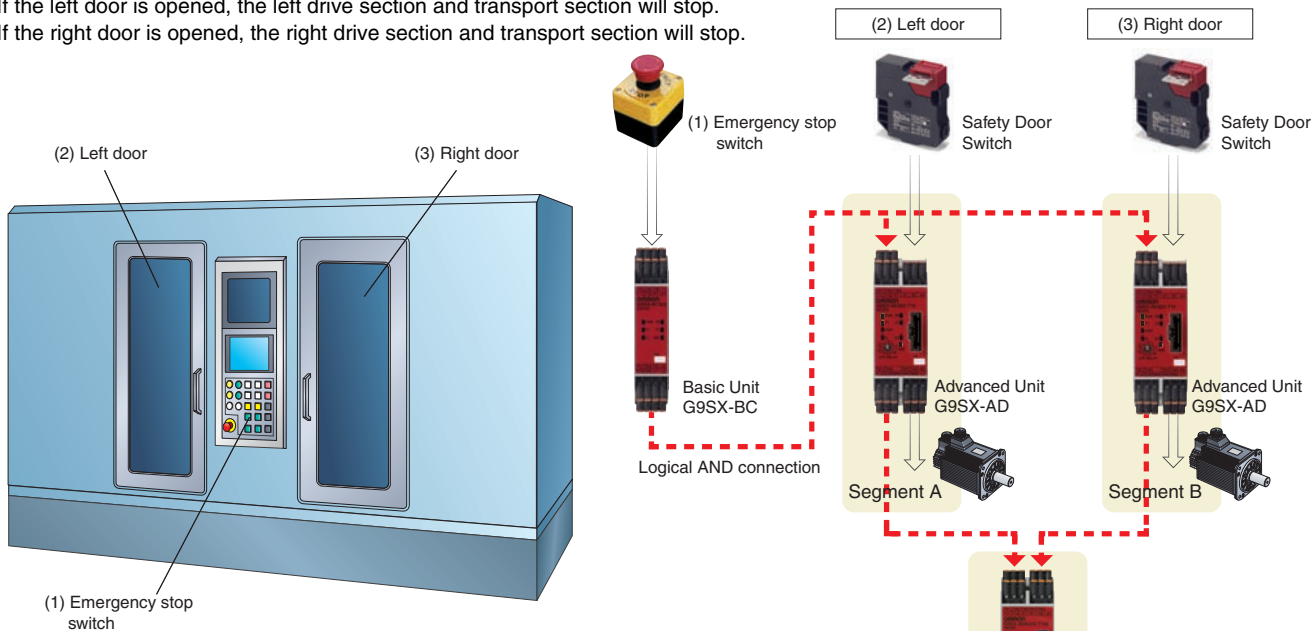


Operating Example

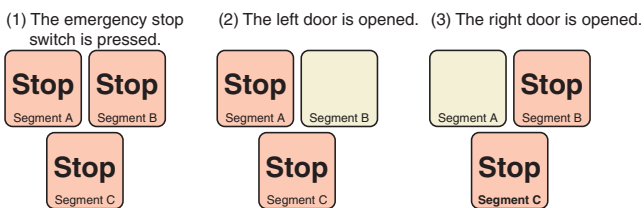


Machine Tool

- When the Emergency Stop Switch is pressed, the entire machine will stop.
- If the left door is opened, the left drive section and transport section will stop.
- If the right door is opened, the right drive section and transport section will stop.



Operating Example



Model Number Structure

Model Number Legend

G9SX-□□□□□□-□□□□-□□□

1 2 3 4 5 6

Note: Please see "Ordering Information" below for the actual models that can be ordered.

1. Functions

AD/ADA: Advanced Unit
BC: Basic Unit
EX: Expansion Unit

2. Output Configuration (Instantaneous Safety Outputs)

0: None
2: 2 outputs
3: 3 outputs
4: 4 outputs

3. Output Configuration (OFF-delayed Safety Outputs)

0: None
2: 2 outputs
4: 4 outputs

4. Output Configuration (Auxiliary Outputs)

1: 1 output
2: 2 outputs

5. Max. OFF-delay Time

Advanced Unit

T15: 15 s
T150: 150 s

Basic Unit

No indicator: No OFF delay

Expansion Unit

No indicator: No OFF delay

T: OFF delay

6. Terminal Block Type

RT: Screw terminals
RC: Spring-cage terminals

Ordering Information

List of Models

Advanced Unit

Safety outputs *3		Auxiliary outputs *4	Logical AND connection		No. of input channels	Max. OFF-delay time *1	Rated voltage	Terminal block type	Model
Instantaneous	OFF-delayed *2		Inputs	Outputs					
3 (Semiconductor)	2 (Semiconductor)	2 (Semiconductor)	1 (Semi-conductor)	1 (Semi-conductor)	1 or 2 channels	15 s	24 VDC	Screw terminals	G9SX-AD322-T15-RT
								Spring-cage terminals	G9SX-AD322-T15-RC
	15 s		Screw terminals	G9SX-AD322-T150-RT					
			Spring-cage terminals	G9SX-AD322-T150-RC					
2 (Semiconductor)	2 (Semiconductor)	2 (Semiconductor)	2 (Semi-conductor)	2 (Semi-conductor)	1 or 2 channels	15 s	24 VDC	Screw terminals	G9SX-ADA222-T15-RT
								Spring-cage terminals	G9SX-ADA222-T15-RC
	150 s		Screw terminals	G9SX-ADA222-T150-RT					
			Spring-cage terminals	G9SX-ADA222-T150-RC					

*1. The OFF-delay time can be set in 16 steps as follows:

T15: 0/0.2/0.3/0.4/0.5/0.6/0.7/1/1.5/2/3/4/5/7/10/15 s

T150: 0/10/20/30/40/50/60/70/80/90/100/110/120/130/140/150 s

*2. The OFF-delayed output becomes an instantaneous output by setting the OFF-delay time to 0 s.

*3. P channel MOS-FET output

*4. PNP transistor output

Basic Unit

Safety outputs *1		Auxiliary outputs *2	No. of input channels	Rated voltage	Terminal block type	Model
Instantaneous	OFF-delayed					
2	---	2 (Semiconductor)	1 or 2 channels	24 VDC	Screw terminals	G9SX-BC202-RT
					Spring-cage terminals	G9SX-BC202-RC

*1. P channel MOS-FET output

*2. PNP transistor output

Expansion Unit

Safety outputs		Auxiliary outputs *1	OFF-delay time	Rated voltage	Terminal block type	Model	
Instantaneous	OFF-delayed						
4 PST-NO	---	1 (Semiconductor)	---	24 VDC	Screw terminals	G9SX-EX401-RT	
					Spring-cage terminals	G9SX-EX401-RC	
---	4 PST-NO		*2			Screw terminals	G9SX-EX041-T-RT
						Spring-cage terminals	G9SX-EX041-T-RC

*1. PNP transistor output

*2. The OFF-delay time is synchronized to the OFF-delay time setting in the connected Advanced Unit (G9SX-AD-□/G9SX-ADA-□).