

## 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<br>(Semiconductor) | 2<br>(Semiconductor) | 2<br>(Semiconductor) | 1<br>(Semi-conductor)  | 1<br>(Semi-conductor) | 1 or 2<br>channels    | 15 s                   | 24 VDC        | Screw terminals       | G9SX-AD322-T15-RT   |
|                      |                      |                      |                        |                       |                       |                        |               | Spring-cage terminals | G9SX-AD322-T15-RC   |
| 2<br>(Semiconductor) | 2<br>(Semiconductor) | 2<br>(Semiconductor) | 2<br>(Semi-conductor)  | 2<br>(Semi-conductor) | 1 or 2<br>channels    | 15 s                   | 24 VDC        | Screw terminals       | G9SX-ADA222-T15-RT  |
|                      |                      |                      |                        |                       |                       |                        |               | Spring-cage terminals | G9SX-ADA222-T15-RC  |
|                      |                      |                      |                        |                       |                       |                        |               | 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<br>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-□).