



Ordering Information

List of Models

Non-Contact Door Switches (Switch/Actuator)

Classification	Appearance	Auxiliary outputs	Cable length	Model
Standard models		Semiconductor outputs *1	2 m	D40A-1C2
			5 m	D40A-1C5
Connector model			0.15 m	D40A-1C015-F *2

Note: The Switch must be used in combination with a Non-Contact Door Switch Controller (G9SX-NS□) or Safety Controller (G9SP).

*1. PNP open-collector semiconductor output.

*2. The model with a connector is not KOSHA certified.

Cable with connector

Connector Type	Cable Length	Model	Packing Unit
Single-end	2 m	XS2F-D521-DG0-A	5
	5 m	XS2F-D521-GG0-A	5
	10 m	XS2F-D521-JG0-A	1
	15 m	XS2F-D521-KG0-A	1
	20 m	XS2F-D521-LG0-A	1

Connector Type	Cable Length	Model	Packing Unit
Double-end	2 m	XS2W-D521-DG1-A	5
	5 m	XS2W-D521-GG1-A	5
	10 m	XS2W-D521-JG1-A	1
	15 m	XS2W-D521-KG1-A	1
	20 m	XS2W-D521-LG1-A	1

Controllers

Non-Contact Door Switch Controllers G9SX-NS□

Safety outputs *1		Auxiliary outputs *3	Logical AND connection input	Logical AND connection output	Max. OFF delay time *4	Rated voltage	Terminal block type	Model
Instantaneous	OFF-delayed *2							
2 (Semi-conductors)	0	2 (Semi-conductors)	1	1	---	24 VDC	Screw terminals	G9SX-NS202-RT
							Spring-cage terminals	G9SX-NS202-RC
	2 (Semiconductors)						Screw terminals	G9SX-NSA222-T03-RT
							Spring-cage terminals	G9SX-NSA222-T03-RC

Note: For details, refer to page 12 or subsequent pages.

*1. P channel MOS FET transistor output

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

*3. PNP transistor output

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

0/0.2/0.3/0.4/0.5/0.6/0.7/0.8/0.9/1.0/1.2/1.4/1.8/2.0/2.5/3.0 s

Safety Controller G9SP Series

Name	No. of I/O points				Unit version	Model
	Safety inputs	Test outputs	Safety outputs	Standard outputs		
Safety Controller	10	4	Semiconductor outputs: 4	4	Ver.2.0	G9SP-N10S
	10	6	Semiconductor outputs: 16	--		G9SP-N10D
	20	6	Semiconductor outputs: 8	--		G9SP-N20S

Note: For details, refer to the G9SP Series Catalog (Catalog No. F090).