

**INDUSTRIAL COMPONENT DATA**

# **G9SB-3012-C AC/DC24 G9SB6010A G9SB3012CACDC24,1** **OMRON Security module 3PST-NA SPST-NC, 22.5 mm** **24vac/dc manu..**

Brand: OMRON | Manufacturer Part Number: G9SB-3012-C AC/DC24



|                 |                                                  |
|-----------------|--------------------------------------------------|
| Manufacturer    | OMRON                                            |
| MPN / Reference | G9SB-3012-C AC/DC24                              |
| Catalog number  | G9SB3012CACDC24.1                                |
| Category        | Device for monitoring of safety-related circuits |
| Minimum order   | 1 Pcs                                            |
| Document ID     | EO-111A083B63                                    |
| Generated       | 2026-08-04                                       |

## **Product Overview**

Security module 3PST-NA SPST-NC, 22.5 mm 24vac/dc manual Reset

Safety relay unit, 3PST-NO (Category 4), SPST-NC aux., 5 A, 2 channel input, manual-reset

**STRUCTURED PRODUCT DATA**

## **Technical Specifications**

No structured technical attributes are currently available. Submit an RFQ for technical review.

## **Classification & Catalog Path**

Catalog path      OMRON > Safety > G9SA/B

## **Additional Product Information**

FeaturesSlim-size safety unit

G9SB is a family of slender safety relay units, providing two safety contacts in a 17.5mm- and three safety contacts in a 22.5mm-wide housing.

17.5mm- and 22.5mm-wide housing

1- and 2-input channel units

Manual and automatic reset units

Certification up to PLe according to EN ISO 13849-1 depending on the application

Ordering information

Main contacts

Auxiliary contact

Number of input channels

Reset mode

Input type

Rated voltage

Size (H×W×D)

Order code

DPST-NO

2 safety

contacts

None

2 channels

Auto-reset

Inverse

24 VAC/VDC

100 mm × 17.5 mm × 112 mm

G9SB-2002-A

1 channel or

2 channels

+ common

G9SB-200-B

2 channels

Manual-reset

Inverse

G9SB-2002-C

1 channel or

2 channels

+ common

G9SB-200-D

3PST-NO

3 safety

contacts

SPST-NC

None

(direct breaking)

Auto-reset

-

24 VDC

100 mm × 17.5 mm × 112 mm

G9SB-3010

2 channels

Inverse

24 VAC/VDC

100 mm × 22.5 mm × 112 mm

G9SB-3012-A

1 channel or

2 channels

+ common

G9SB-301-B

2 channels

Manual-reset

Inverse

G9SB-3012-C

1 channel or

2 channels

+ common

G9SB-301-D

Specifications

Power input

Item

G9SB-200\_- \_

G9SB-3010

G9SB-301\_- \_

Power supply voltage

24 VAC/VDC: 24 VAC, 50/60 Hz, or 24VDC

24 VDC: 24 VDC

Operating voltage range

85 to 110% of rated power supply voltage

Power consumption

1.4 VA/1.4 W max.

1.7 W max.

1.7 VA/1.7 W max.

Inputs

Item

G9SB-200\_- \_

G9SB-3010

G9SB-301\_- \_

Input current

25 mA max.

60 mA max. (See note.)

30 mA max.

Note: Indicates the current between terminals A1 and A2.

Contacts

Item

G9SB-200\_- \_....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / G9SB-3012-C AC/DC24 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.