

INDUSTRIAL COMPONENT DATA

**G9SB-301-B AC/DC24 G9SB6009H G9SB301BACDC24,1
OMRON Security module 3PST-NA SPST-NC, 22.5 mm
24vac/dc Auto-r..**

Brand: OMRON | Manufacturer Part Number: G9SB-301-B AC/DC24



Manufacturer	OMRON
MPN / Reference	G9SB-301-B AC/DC24
Catalog number	G9SB301BACDC24.1
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-4B36457D68
Generated	2026-08-04

Product Overview

Security module 3PST-NA SPST-NC, 22.5 mm 24vac/dc Auto-reset +Common

Safety relay unit, DIN 22.5mm, 3PST-NO (Category 4), 5 A, SPST-NC aux, 1 or 2 channel input, auto-reset (+ common input)

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-301-B AC/DC24 with the required quantity to info@electricaonline.com or use 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.