

INDUSTRIAL COMPONENT DATA

G9SE-201 DC24 G9SE9001B G9SE201DC24FOROEE OMRON

Safety relay, 24 V DC, 2 safety outputs, 5 A max., aux output

Brand: OMRON | Manufacturer Part Number: G9SE-201 DC24



Manufacturer	OMRON
MPN / Reference	G9SE-201 DC24
Catalog number	G9SE201DC24FOROEE
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-2988542A4D
Generated	2026-08-05

Product Overview

Safety relay, 24 V DC, 2 safety outputs, 5 A max., aux output

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path OMRON > Security Controllers > G9SE

Additional Product Information

FeaturesSlim-size safety relay unit family

G9SE-family offers compact units for E-Stop, door and safety monitoring applications . Modules with two or four safety contacts and OFF-delay timing are available on slim-size housing.

Simple front side wiring using screw-less terminals.

17.5 or 22.5 mm width to save mounting space

15ms Max. response time

Safe OFF delay function up to PLe

Certification for lift standards EN 81-1, EN 81-2

Up to PLe according to EN ISO 13849-1 and SIL 3 according to EN 61508

Ordering information

Safety outputs

Auxiliary outputs1

Max. OFF-delay time2

Rated voltage

Order code

Instantaneous

OFF-delayed

DPST-NO

-

1 PNP transistor output

-

24 VDC

G9SE-201

4PST-NO

G9SE-401

DPST-NO

DPST-NO

5 s

G9SE-221-T05

DPST-NO

DPST-NO

30 s

G9SE-221-T30

Specifications

Ratings

Power Input

Item

G9SE-201

G9SE-401

G9SE-221-T_

Rated supply voltage

24 VDC

Operating voltage range

-15% to 10% of rated supply voltage

Rated power consumption3

3 W max.

4 W max.

Outputs

Item

G9SE-201

G9SE-401

G9SE-221-T_

Safety output

OFF-delayed safety output

Contact output

250 VAC 5 A 30 VDC 5 A (resistance load)

Auxiliary output

PNP transistor output Load current: 100 mA DC max.

Characteristics

Item

G9SE-201

G9SE-401

G9SE-221-T_

Operating time (OFF to ON state)4

100 ms Max.5

Response time (ON to OFF state)6

15 ms Max.

Inputs

Input current

5 mA Min.

ON voltage

11 VDC Min.

OFF voltage

5 VDC Max.

OFF current

1 mA Max.

Maximum cable length

100 m Max.

Reset input time

250 ms Min.

Contact outputs

Contac...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / G9SE-201 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.