

INDUSTRIAL COMPONENT DATA

G7SA-3A1B 21VDC G7SA0016G G7SA3A1BDC21 OMRON

Relay Safety 3PST-NA SPST-NC 4-pole 6A 21Vcc

Brand: OMRON | Manufacturer Part Number: G7SA-3A1B 21VDC



Manufacturer	OMRON
MPN / Reference	G7SA-3A1B 21VDC
Catalog number	G7SA3A1BDC21
Category	Switching relay
Minimum order	20 Pcs
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Product Overview

Relay Safety 3PST-NA SPST-NC 4-pole 6A 21Vcc

Safety Relay 3PST-NA SPST-NC 4 poles 6A 21Vcc

Safety relay, plug-in, 3PST-NO, SPST-NC, 6 A, forcibly-guided contacts, 21 VDC

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 > G7S

Additional Product Information

Forcibly guided contacts

Conforms to EN 50205

6 A at 240 VAC and 6A at 24 VDC for resistive loads

Reinforced insulation between inputs, outputs and poles

4- and 6-pole relays available

Sockets available with Push-In technology

Specifications & ordering info

Ordering information

Relays with forcibly guided contacts

Type

Sealing

Poles

Contacts

Rated voltage
Order code
Standard
Flux-tight
4 poles
3PST-NO, SPST-NC
24 VDC1
G7SA-3A1B
DPST-NO, DPST-NC
G7SA-2A2B
6 poles
5PST-NO, SPST-NC
G7SA-5A1B
4PST-NO, DPST-NC
G7SA-4A2B
3PST-NO, 3PST-NC
G7SA-3A3B
Sockets
Mounting
Terminal type
LED indicator
Poles
Coil rated voltage
Order code
Front-
mounting
Push-In Plus terminals
Yes
4 poles
24 VDC
P7SA-10F-ND-PU
6 poles
P7SA-14F-ND-PU
Screw terminals
Yes
4 poles
P7SA-10F-ND
6 poles
P7SA-14F-ND
No
4 poles
—
P7SA-10F
6 poles
P7SA-14F
Back-
mounting

PCB terminals

No

4 poles

—

P7SA-10P

6 poles

P7SA-14P

Specifications

Coil

Rated voltage

Rated current

Coil resistance

Must-operate voltage

Must-release voltage

Max. voltage

Power consumption

24 VDC

4 poles: 15 mA

6 poles: 20.8 mA

4 poles: 1,600 ?

6 poles: 1,152 ?

75% max. (V)

10% min. (V)

110% (V)

4 poles: Approx. 360 mW

6 poles: Approx. 500 mW

Note: Refer to datasheet for details

Contacts

Load

Resistive load ($\cos\phi=1$)

Rated load

6 A at 250 VAC, 6 A at 30 VDC

Rated carry current

6 A

Max. switching voltage

250 VAC, 125 VDC

Max. switching current

6 A

Max. switching capacity (reference value)

1,500 VA, 180 W

Relays with forcibly guided contacts

Contact res...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / G7SA-3A1B 21VDC 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

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