

INDUSTRIAL COMPONENT DATA

G7SA-5A1B 24DC 151526 OMRON Relay, Safety, 5PST-NA 1PST-NC 6 poles 6A 24vdc

Brand: OMRON | Manufacturer Part Number: G7SA-5A1B 24DC



Manufacturer	OMRON
MPN / Reference	G7SA-5A1B 24DC
Catalog number	151526
Category	Switching relay
Minimum order	1 Pcs
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Product Overview

Relay, Safety, 5PST-NA 1PST-NC 6 poles 6A 24vdc

Safety Relay 5PST-NA 1PST-NC 6 poles 6A 24Vcc

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-5A1B 24DC 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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