

INDUSTRIAL COMPONENT DATA

G9SR-EX031-T90-RC AA041678D G9SREX031T90RC OMRON

Module Expansion to G9SR-AD 3PST-NA 5A 22.5 mm 24vdc

Brand: OMRON | Manufacturer Part Number: G9SR-EX031-T90-RC



Manufacturer	OMRON
MPN / Reference	G9SR-EX031-T90-RC
Catalog number	G9SREX031T90RC
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
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Product Overview

Module Expansion to G9SR-AD 3PST-NA 5A 22.5 mm 24vdc
Safety relay unit, 24VDC, output extension, 90s, 3 safety 5A, 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 > G9SR

Additional Product Information

FeaturesCompact safety relay unit family
G9SR family modules operate standalone and as a system with input and output extension. All modules are simple to set up using DIP-switches and provide clear diagnosis via LEDs on the front.
Three modules for all safety relay unit applications
Solid-state outputs for long life and high current safety relay outputs
Detailed LED indications enable easy diagnosis
Safe on- and off-delay function up to PLe
Up to PLe according to EN ISO 13949-1 and SIL 3 according to EN 61508
Ordering information
Advanced unit
Safety outputs
Auxiliary outputs
No. of input channels
Rated voltage

Terminal block type

Order code

Instantaneous

2 PST-NO (contact)

1 PNP transistor output

1 or 2 channels

24 VDC

removable cage clamp terminals

G9SR-AD201-RC

Basic unit

Safety outputs

Auxiliary outputs

No. of input channels

Rated voltage

Terminal block type

Order code

Instantaneous

2 P channel MOS FET transistor output

1 PNP transistor output

1 or 2 channels

24 VDC

removable cage clamp terminals

G9SR-BC201-RC

Expansion unit

Safety outputs

Auxiliary outputs

Rated voltage

Terminal block type

Order code

Instantaneous

ON/OFF-delayed

-

3 PST-NO (contact)1

1 (solid state) PNP transistor outputs

24 VDC

removable cage clamp terminals

G9SR-EX031-T90-RC

Specifications

Power input

Item

G9SR-AD_

G9SR-BC_

G9SR-EX_

Rated supply voltage

19.2 to 28.8 VDC (24 VDC $\pm 20\%$)

Inputs

Item

G9SR-AD_

G9SR-BC_

G9SR-EX_

Safety input

Operating voltage: 17 VDC to 28.8 VDC,

internal impedance: Approx....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / G9SR-EX031-T90-RC 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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