

INDUSTRIAL COMPONENT DATA

ST-REL3-SG-B 24/21/M 2898155 PHOENIX CONTACT Relay connectors

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST-REL3-SG-B 24/21/M



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST-REL3-SG-B 24/21/M
Catalog number	2898155
Category	Switching relay
Minimum order	1 Pcs
Document ID	EO-C1B24C407D
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Product Overview

Relay connectors

Relay connector, equipped with mini-residual switching relay, contacts (AgSnO): small to large powers, 1 inverter contact, 24 V DC input voltage, with free-flowing diode and polarity reversal protection diode, switch-to-negative

Relay plug, fitted with remanence miniature switching relay, contacts (AgSnO): small to large loads, 1 changeover contact, input voltage 24 V DC, polarity protection and freewheeling diode, negative switching

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path PHOENIX CONTACT > Industrial Relays

Additional Product Information

Technical dataProduct propertiesProduct type Relay Module

Operating mode 100% operating factor

Mechanical service life approx. 107cycles

Data management status

Date of last data management 02.05.2024

Article revision 09

Insulation characteristics: Air clearances and creepage distances between the power circuits

Insulation Basic insulation

Overvoltage category II

Pollution degree 2

Electrical propertiesMaximum power dissipation for nominal condition 0.19 W

Test voltage (Winding/contact) 2 kVrms(50 Hz, 1 min., winding/contact)

Air clearances and creepage distances between the power circuits

Rated insulation voltage 250 V AC

Rated surge voltage 2.5 kV

Input dataCoil side

Nominal input voltage UN 24 V DC

Input voltage range 19.2 V DC ... 26.4 V DC (20 °C)

Drive and function bistable

Drive (polarity) polarized

Typical input current at UN typ. 8 mA

Typical response time 5 ms

Typical release time 5 ms

Pulse time range 30 ms ... 5 s

Coil voltage 24 V DC

Protective circuit Freewheeling diode; Freewheeling diode

Reverse polarity protection; Polarity protection diode

Output dataSwitching

Contact switching type 1 changeover contact

Type of switch contact Single contact

Contact material AgSnO

Maximum switching voltage 250 V AC/DC

Minimum switching voltage 5 V (At 5 V)

24 V (at 24 V)

Limiting continuous current 6 A

Maximum inrush current 8 A

Min. switching current 1 mA (at 24 V)

100 mA (At 5 V)

Interrupting rating (ohmic load) max. 144 W (at 24 V DC)

43 W (at 48 V DC)

42 W (at 60 V DC)

55...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST-REL3-SG-B 24/21/M 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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