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-B3CEBF9768
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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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