

INDUSTRIAL COMPONENT DATA

ST-REL3-KG120/21 2821164 PHOENIX CONTACT Relay connectors

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST-REL3-KG120/21



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST-REL3-KG120/21
Catalog number	2821164
Category	Switching relay
Minimum order	1 Pcs
Document ID	EO-E73D9935E4
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Product Overview

Relay connectors

Plug-in relay bracket, equipped with mini-switching relay, contacts (AgNi): Medium to high powers, 1 switched contact, input voltage 120 V AC/DC, with light indication, pluggable into base terminal blocks

Relay plug, equipped with miniature relay, contacts (AgNi): small to large powers, 1 changeover contact, input voltage 120 V AC/DC, with LED, pluggable on base terminals

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
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Additional Product Information

Key Commercial Data

Orderkey 2821164

Packing unit 10 pc

Catalog page Page 88 (IF-2005)

GTIN 4017918077051

Weight per Piece (excluding packing) 38.620 g

Custom tariff number 85364900

Country of origin DE (Germany)

Dimensions

Width 20.8 mm

Height 33 mm

Depth 66.5 mm

Ambient conditions

Ambient temperature (operation) -20 °C ... 50 °C

Ambient temperature (storage/transport) -20 °C ... 70 °C

Coil side

Nominal input voltage UN 120 V AC/DC

Input voltage range in reference to UN 0.8 ... 1.06

Typical input current at UN 5 mA

Typical response time 7 ms

Typical release time 11 ms (with DC)

Protective circuit Bridge rectifier, varistor

Operating voltage display yes

Power dissipation for nominal condition 0.6 W

Contact side

Contact type Single contact, 1-PDT

Type of switch contact Single contact

Contact material AgNi

Maximum switching voltage 250 V AC/DC

Maximum inrush current 8 A

Limiting continuous current 6 A

Interrupting rating (ohmic load) max. 95 W (at 24 V DC)

50 W (at 48 V DC)

45 W (at 60 V DC)

35 W (at 110 V DC)

55 W (at 220 V DC)

1500 VA (for 250 V AC)

General

Test voltage relay winding/relay contact 2.5 kV AC (50 Hz, 1 min.)

Operating mode 100% operating factor

Mechanical service life approx. 2x 10⁷ cycles

Net weight (SAP) 38.62 g

Standards and Regulations

Standards/regulations DIN VDE 0110b, Gr. C for 250 V DC

IEC 60255/DIN VDE 0435 (in relevant parts)

DIN EN 50178/DIN VDE 0160 (in relevant parts)

EN 60730/DIN VDE 0631

DIN VDE 0160 (in relevant parts)

Environmental Product Com...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST-REL3-KG120/21 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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