

INDUSTRIAL COMPONENT DATA

ST-REL7-KG230/21-21 2822451 PHOENIX CONTACT Relay connectors

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST-REL7-KG230/21-21



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST-REL7-KG230/21-21
Catalog number	2822451
Category	Switching relay
Minimum order	1 Pcs
Document ID	EO-807220FD9C
Generated	2026-08-03

Product Overview

Relay connectors

Plug-in relay support, equipped with mini-switching relay, contacts (AgNi): Medium to large powers, 2 switched contacts, input voltage 230 V AC/DC, with light indication, pluggable into base terminal blocks

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

Key Commercial Data

Orderkey 2822451

Packing unit 5 pc

Note Made to Order (non-returnable)

Catalog page Page 89 (IF-2005)

GTIN 4017918077297

Weight per Piece (excluding packing) 65.330 g

Custom tariff number 85364900

Country of origin DE (Germany)

Dimensions

Width 45.6 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 230 V AC/DC

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

Typical input current at UN 4 mA

Typical response time 6 ms (with DC)

Typical release time 7 ms (with DC)

Protective circuit Bridge rectifier, varistor

Operating voltage display yes

Power dissipation for nominal condition 0.92 W

Contact side

Contact type Single contact, 2-PDT

Type of switch contact Single contact

Contact material AgNi

Maximum switching voltage 250 V AC/DC

Maximum inrush current 6 A

Limiting continuous current 5 A

Interrupting rating (ohmic load) max. 120 W (at 24 V DC)

85 W (at 48 V DC)

60 W (at 60 V DC)

40 W (at 110 V DC)

60 W (at 220 V DC)

1250 VA (for 250 V AC)

General

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

Test voltage PDT/PDT 2 kV AC (50 Hz, 1 min.)

Operating mode 100% operating factor

Mechanical service life approx. 2x 10⁷ cycles

Net weight (SAP) 65.33 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 relev...)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST-REL7-KG230/21-21 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.