

**INDUSTRIAL COMPONENT DATA**

# ST-REL4-HG110/21-21 2823421 PHOENIX CONTACT Relay connectors

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST-REL4-HG110/21-21



|                 |                     |
|-----------------|---------------------|
| Manufacturer    | PHOENIX CONTACT     |
| MPN / Reference | ST-REL4-HG110/21-21 |
| Catalog number  | 2823421             |
| Category        | Switching relay     |
| Minimum order   | 1 Pcs               |
| Document ID     | EO-79B157C2E7       |
| Generated       | 2026-08-05          |

## Product Overview

Relay connectors

Plug-in relay holder, equipped with Hengstler mini-round-relay, contacts (AgSnO2+Au): Small to large powers, 2 switched contacts, input voltage 110 V 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 2823421

Packing unit 10 pc

Note Made to Order (non-returnable)

Catalog page Page 84 (IF-2002)

GTIN 4017918077396

Weight per Piece (excluding packing) 65.480 g

Custom tariff number 85364900

Country of origin DE (Germany)

Dimensions

Width 27 mm

Height 33 mm

Depth 66.5 mm

**Ambient conditions**

Ambient temperature (operation) -20 °C ... 60 °C

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

**Coil side**

Nominal input voltage UN 110 V DC

Input voltage range in reference to UN 0.8 ... 1.1

Typical input current at UN 5.5 mA

Typical response time 15 ms (with DC)

Typical release time 25 ms (with DC)

Protective circuit Damping diode, polarity protection Damping diode, polarity protection diode

Operating voltage display yes

Power dissipation for nominal condition 0.61 W

**Contact side**

Contact type Single contact, 2-PDT

Type of switch contact Single contact

Contact material AgCdO, hard gold-plated

Maximum switching voltage 250 V AC/DC

Maximum inrush current 6 A

Limiting continuous current 6 A

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

180 W (at 48 V DC)

105 W (at 60 V DC)

60 W (at 110 V DC)

90 W (at 220 V DC)

1250 VA (for 250 V AC)

**General**

Test voltage relay winding/relay contact 2 kV AC (50 Hz, 1 min.)

Test voltage PDT/PDT 2.5 kV AC (50 Hz, 1 min.)

Operating mode 100% operating factor

Mechanical service life approx. 107cycles

Net weight (SAP) 65.48 g

**Standards and Regulations**

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

DIN VDE 0160...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / ST-REL4-HG110/21-21 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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.