

## INDUSTRIAL COMPONENT DATA

# DEK-REL- 24/1/SEN 2964050 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: DEK-REL-24/1/SEN



|                 |                  |
|-----------------|------------------|
| Manufacturer    | PHOENIX CONTACT  |
| MPN / Reference | DEK-REL-24/1/SEN |
| Catalog number  | 2964050          |
| Category        | Switching relay  |
| Minimum order   | 1 Pcs            |
| Document ID     | EO-F82ECFB8CC    |
| Generated       | 2026-08-01       |

## Product Overview

### Relay Module

Borne-sensor relay, with soldered miniature relays, contact (AgNi+Au): Small to medium powers, 1 open contact, input voltage 24 V AC/DC, for mounting on NS 35/7.5, terminal width 6.2 mm

## 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 2964050

Packing unit 10 pc

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GTIN 4017918099367

Weight per Piece (excluding packing) 22.710 g

Custom tariff number 85364190

Country of origin CN (China)

### Note

Utilization restriction EMC: class A product, see manufacturer's declaration in the download area

### Dimensions

Width 6.2 mm

Height 80 mm

Depth 56 mm

Ambient conditions

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

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

Coil side

Nominal input voltage UN 24 V AC/DC

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

Typical input current at UN 6.5 mA

Typical response time 5 ms

Typical release time 15 ms

Protective circuit Bridge rectifier Bridge rectifier

Operating voltage display Yellow LED

Power dissipation for nominal condition 0.16 W

Contact side

Contact type 1 N/O contact

Type of switch contact Double contact

Contact material AgNi, hard gold-plated

Maximum switching voltage 250 V AC

125 V DC

Minimum switching voltage 0.1 V

Min. switching current 1 mA

Maximum inrush current 5 A

Limiting continuous current 3 A (5 A up to 35°C at 24 V DC)

Interrupting rating (ohmic load) max. 72 W (at 24 V DC)

60 W (at 48 V DC)

50 W (at 60 V DC)

50 W (at 110 V DC)

750 VA (for 250 V AC)

120 W (at 24 V DC - up to 35°)

General

Type of note Note on application

Note Use of EB 80-DIK... bridges in the DEK terminal blocks: Absorption of humidity from the ambient air as well as an unfavorable tolerance between a larger number of DEK....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DEK-REL-24/1/SEN 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

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