

**INDUSTRIAL COMPONENT DATA**

# DEK-OE- 24DC/ 24DC/100KHZ 2964283 PHOENIX CONTACT

## Solid-state relay terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: DEK-OE-24DC/ 24DC/100KHZ



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | DEK-OE-24DC/ 24DC/100KHZ |
| Catalog number  | 2964283                  |
| Category        | Optocoupler              |
| Minimum order   | 1 Pcs                    |
| Document ID     | EO-D5741B3417            |
| Generated       | 2026-07-29               |

### Product Overview

Solid-state relay terminal block

Solid state relay introduction, transfer frequency 100 kHz, with indicator light and protection circuit in input and output circuit, input: 24 V DC, output: 4 - 30 V DC/50 mA

**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 2964283

Packing unit 10 pc

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GTIN 4017918107413

Weight per Piece (excluding packing) 18.170 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 ... 60 °C

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

Input data

Nominal input voltage UN 24 V DC

Input voltage range in reference to UN 0.8 ... 1.2

Input voltage range 19.2 V DC ... 28.8 V DC

Switching threshold "0" signal in reference to UN  $\leq 0.4$

Switching threshold "1" signal in reference to UN  $\geq 0.8$

Typical input current at UN 6 mA

Typical response time 1.5  $\mu$ s

Typical turn-off time 2  $\mu$ s

Operating voltage display Yellow LED

Type of protection Reverse polarity protection

Surge protection

Protective circuit/component Polarity protection diode

Transmission frequency 100 kHz

Power dissipation for nominal condition 3 mW

Output data

Output voltage range 4 V DC ... 30 V DC

Limiting continuous current 50 mA

Quiescent current 4.3 mA

Voltage drop at max. limiting continuous current  $\leq 0.5$  V DC

Output circuit 3-conductor, ground-referenced

Type of protection Surge protection

Protective circuit/component Suppressor diode

Connection data, input side

Connection name Input side

Connection method Screw connection

Stripping length 8 mm

Screw thread M3

Conductor....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DEK-OE-24DC/ 24DC/100KHZ 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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