

**INDUSTRIAL COMPONENT DATA**

# DEK-OE- 24DC/ 48DC/100/T 2964254 PHOENIX CONTACT

## Solid-state relay terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: DEK-OE-24DC/ 48DC/100/T



|                 |                         |
|-----------------|-------------------------|
| Manufacturer    | PHOENIX CONTACT         |
| MPN / Reference | DEK-OE-24DC/ 48DC/100/T |
| Catalog number  | 2964254                 |
| Category        | Optocoupler             |
| Minimum order   | 1 Pcs                   |
| Document ID     | EO-599DF6E386           |
| Generated       | 2026-08-03              |

### Product Overview

Solid-state relay terminal block

Input solid-state relay terminal, input: 24 V DC, output: 3 - 48 V DC/100 mA, with interrupt plug on output, 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 2964254

Packing unit 10 pc

Catalog page Page 71 (IF-2002)

GTIN 4017918100803

Weight per Piece (excluding packing) 21.060 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 0.9 ... 1.1

Input voltage range 21.6 V DC ... 26.4 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 6.5 mA

Typical response time 40  $\mu$ s (delay)

Typical turn-off time 40  $\mu$ s (delay)

Status display Yellow LED

Type of protection Reverse polarity protection

Protective circuit/component Bridge rectifier

Transmission frequency 30 Hz

Output data

Output voltage range 3 V DC ... 48 V DC

Limiting continuous current 100 mA

Voltage drop at max. limiting continuous current  $\leq 0.9$  V

Output circuit 2-wire, floating

Type of protection Reverse polarity protection

Surge protection

Protective circuit/component Polarity protection diode

Connection data, input side

Connection name Input side

Connection method Screw connection

Stripping length 8 mm

Screw thread M3

Conductor cross section solid 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Conductor cross section flexible...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DEK-OE-24DC/ 48DC/100/T 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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