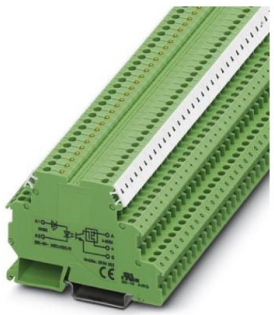
INDUSTRIAL COMPONENT DATA

# DEK-OV- 24DC/ 24DC/ 10 2964322 PHOENIX CONTACT Solid-state relay terminal block

**Brand: PHOENIX CONTACT | Manufacturer Part Number: DEK-OV-24DC/ 24DC/ 10**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | DEK-OV-24DC/ 24DC/ 10 |
| Catalog number | 2964322 |
| Category | Optocoupler |
| Minimum order | 1 Pcs |
| Document ID | EO-F81BB609BD |
| Generated | 2026-11-18 |

## Product Overview

Solid-state relay terminal block
Power solid-state relay terminal with short-circuit resistant DC voltage output, input: 24 V DC, output: 3-33 V DC/10 A

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 2964322
Packing unit 10 pc
Catalog page Page 441 (C-5-2017)
GTIN 4017918893194
Weight per Piece (excluding packing) 25.500 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 <= 0.4
Switching threshold "1" signal in reference to UN >= 0.8
Typical input current at UN 3.5 mA
Typical response time 250 µs
Typical turn-off time 800 µs
Operating voltage display Yellow LED
Type of protection Reverse polarity protection
Surge protection
Transmission frequency 100 Hz
Power dissipation for nominal condition 0.5 W
Output data
Output voltage range 5 V DC ... 30 V DC
Limiting continuous current 10 A (see derating curve)
Surge current 100 A (t = 20 ms)
Voltage drop at max. limiting continuous current <= 50 mV
Output circuit 3-conductor, ground-referenced
Type of protection Reverse polarity protection
Surge protection
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 mm² ... 2.5 mm²
Condu...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DEK-OV-24DC/ 24DC/ 10 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

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