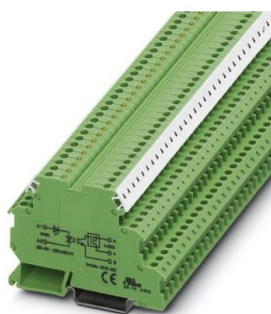


INDUSTRIAL COMPONENT DATA

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-C6F36AC676
Generated	2026-07-31

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
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Additional Product Information

Key Commercial Data

Orderkey 2964322

Packing unit 10 pc

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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 μ sTypical turn-off time 800 μ s

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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