

INDUSTRIAL COMPONENT DATA

DEK-OE- 24DC/ 24DC/100KHZ-G 2964348 PHOENIX CONTACT

Solid-state relay terminal block

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	DEK-OE-24DC/ 24DC/100KHZ-G
Catalog number	2964348
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-59E8A91671
Generated	2026-07-31

Product Overview

Solid-state relay terminal block

Solid state input relay, with DC voltage output phase phase, 100 kHz transfer frequency, with indicator light and protection circuit in input and output circuit, input: 24 V DC, output: 14 - 30 V DC/50 mA

Solid state relay input, with DC output out phase, transmission frequency 100 kHz, with LEDs and protection in the input and output circuits, input: 24 V DC, output: 14 - 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 2964348

Packing unit 10 pc

Catalog page Page 451 (C-5-2017)

GTIN 4017918107420

Weight per Piece (excluding packing) 21.900 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 8 mA

Typical response time 1 μ s

Typical turn-off time 2 μ 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 12 mW

Output data

Output voltage range 14 V DC ... 30 V DC

Limiting continuous current 50 mA

Quiescent current 15 mA

Voltage drop at max. limiting continuous current ≤ 2.2 V DC

Output circuit 3-conductor push-pull, 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

C...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.