

INDUSTRIAL COMPONENT DATA

DEK-OV- 12DC/ 24DC/ 3 2941387 PHOENIX CONTACT

Solid-state relay terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: DEK-OV-12DC/ 24DC/ 3



Manufacturer	PHOENIX CONTACT
MPN / Reference	DEK-OV-12DC/ 24DC/ 3
Catalog number	2941387
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-C5B1440FA4
Generated	2026-08-01

Product Overview

Solid-state relay terminal block

Power solid state relay terminal, input: 12 V DC, output: 3-30 V DC/3 A, 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 2941387

Packing unit 10 pc

Catalog page Page 441 (C-5-2017)

GTIN 4017918080402

Weight per Piece (excluding packing) 21.600 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 12 V DC

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

Input voltage range 9.6 V DC ... 14.4 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 8.5 mA

Typical response time 40 μ sTypical turn-off time 200 μ s

Operating voltage display Yellow LED

Type of protection Reverse polarity protection

Transmission frequency 300 Hz

Power dissipation for nominal condition 0.1 W

Output data

Output voltage range 3 V DC ... 30 V DC

Limiting continuous current 3 A (see derating curve)

Voltage drop at max. limiting continuous current ≤ 0.2 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 mm² ... 2.5 mm²

Conductor cross....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DEK-OV-12DC/ 24DC/ 3 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.