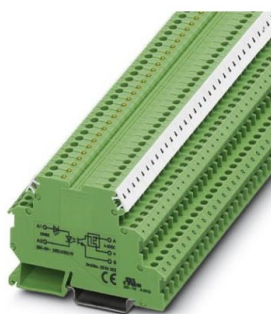


INDUSTRIAL COMPONENT DATA

DEK-OV- 12DC/ 24DC/ 10 2961749 PHOENIX CONTACT

Solid-state relay terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: DEK-OV-12DC/ 24DC/ 10



Manufacturer	PHOENIX CONTACT
MPN / Reference	DEK-OV-12DC/ 24DC/ 10
Catalog number	2961749
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-3523AE4CDD
Generated	2026-07-31

Product Overview

Solid-state relay terminal block

Power solid state relay terminal, DC voltage input, DC voltage output, input voltage 12V DC

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 2961749

Packing unit 10 pc

Catalog page Page 441 (C-5-2017)

GTIN 4017918927943

Weight per Piece (excluding packing) 25.340 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 4.7 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

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 mm²Conductor cross section flexible 0.2 mm² ... 2.5 mm²...**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / DEK-OV-12DC/ 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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