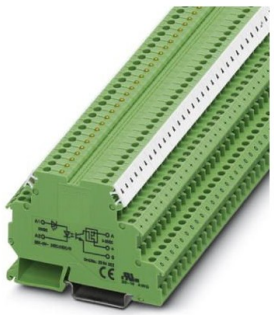
INDUSTRIAL COMPONENT DATA

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-ACBE48CD47
Generated	2026-11-18

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 µs
Typical turn-off time 800 µs
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 mm²
Conductor 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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