

INDUSTRIAL COMPONENT DATA

DEK-OV- 24DC/ 24DC/ 3/AKT 2964296 PHOENIX CONTACT

Solid-state relay terminal block

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	DEK-OV-24DC/ 24DC/ 3/AKT
Catalog number	2964296
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-73D4E71307
Generated	2026-09-19

Product Overview

Solid-state relay terminal block

Solid state power relay terminal for actuators, input: 24 V DC, output: 3-30 V DC/3 A, terminal width 6.2 mm

Power solid-state relay terminal block for actuator, input: 24 V DC, output: 3 - 30 V DC/3 A, terminal block 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

Technical dataNotesNote on application Use of EB 80-DIK... bridges in the DEK terminal blocks: Absorption of humidity from the ambient air as well as an unfavorable tolerance between a larger number of DEK terminal blocks and the EB 80-DIK... bridge may cause (minor) expansion of the DEK housing. When the EB 80-DIK... bridges are used, therefore, it is recommended that these be disconnected after about 10 to 12 DEK terminal blocks and a wire bridge to the next DEK terminal block be inserted in their place.

Product propertiesProduct type Solid-state relay module

Product family DEK

Application Output function

Operating mode 100% operating factor

Data management status

Date of last data management 03.05.2024

Article revision 12

Insulation characteristics: Standards/regulations

Insulation Basic insulation
Overvoltage category III
Pollution degree 2
Electrical properties Maximum power dissipation for nominal condition 0.17 W
Test voltage (Input/output) 2.5 kV AC (Input/output)
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 7 mA
Typical response time 40 μ s
Typical turn-off time 200 μ s
Operating voltage display Yellow LED
Protective circuit Reverse polarity protection
Transmission frequency 300 Hz
Output data Contact switching type 1 N/O contact
Design of d...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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