

**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-4F95592329            |
| Generated       | 2026-08-01               |

### 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  $\leq 0.4$   
Switching threshold "1" signal in reference to UN  $\geq 0.8$   
Typical input current at UN 7 mA  
Typical response time 40  $\mu$ s  
Typical turn-off time 200  $\mu$ 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](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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