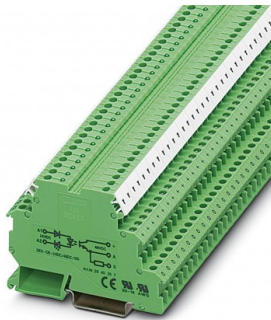


INDUSTRIAL COMPONENT DATA

DEK-OE-230AC/ 48DC/100 2940210 PHOENIX CONTACT

Solid-state relay terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: DEK-OE-230AC/ 48DC/100



Manufacturer	PHOENIX CONTACT
MPN / Reference	DEK-OE-230AC/ 48DC/100
Catalog number	2940210
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-37A9C5CD1B
Generated	2026-07-31

Product Overview

Solid-state relay terminal block

Input solid-state relay terminal, input: 230 V AC, output: 3 - 48 V DC/ 100 mA, 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
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Additional Product Information

Technical dataNotesOrder information: The housing is open on one side. The appropriate cover is D-DEK 1,5 GN (2716949).

Note 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 22

Insulation characteristics: Standards/regulations

Insulation Basic insulation

Overvoltage category III

Pollution degree 2

Electrical properties Test voltage (Input/output) 2.5 kV AC (Input/output)

Input data Nominal input voltage UN 230 V AC

Input voltage range in reference to UN 0.9 ... 1.1

Input voltage range 207 V AC ... 253 V AC

Switching threshold "0" signal, voltage ≤ 92 V

Switching threshold "0" signal in reference to UN ≤ 0.4

Switching threshold "1" signal voltage ≥ 207 V

Switching threshold "1" signal in reference to UN ≥ 0.9

Typical input current at UN 2.5 mA

Typical response time 10 ms

Typical turn-off time 20 ms

Operating voltage display Yellow....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DEK-OE-230AC/ 48DC/100 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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