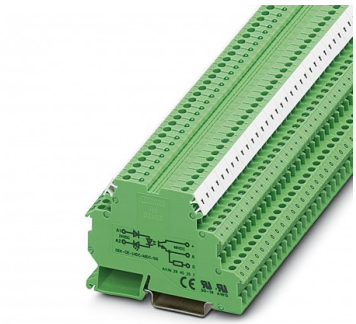
INDUSTRIAL COMPONENT DATA

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-FBD3554B8E
Generated	2026-11-18

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

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 propertiesTest voltage (Input/output) 2.5 kV AC (Input/output)
Input dataNominal 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

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.