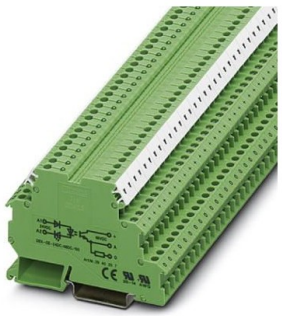
INDUSTRIAL COMPONENT DATA

DEK-OE-230AC/ 48DC/100/SO 46 2964678 PHOENIX CONTACT Solid-state relay terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: DEK-OE-230AC/ 48DC/100/SO 46



Manufacturer	PHOENIX CONTACT
MPN / Reference	DEK-OE-230AC/ 48DC/100/SO 46
Catalog number	2964678
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-1E9B14E082
Generated	2026-11-18

Product Overview

Solid-state relay terminal block
Solid-state relay interface, anti-induction parasitic on the control side, input: 230 V AC, output: 48 V DC/100 mA

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 2964678
Packing unit 10 pc
Catalog page Page 445 (C-5-2017)
GTIN 4017918131067
Weight per Piece (excluding packing) 21.800 g
Custom tariff number 85364900
Country of origin CN (China)
Dimensions
Width 6.2 mm
Height 80 mm
Depth 56 mm
Ambient conditions
Ambient temperature (operation) 0 °C ... 50 °C

Ambient temperature (storage/transport) 0 °C ... 70 °C
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 AC
Switching threshold "1" signal voltage > 207 V AC
Typical input current at UN 2.5 mA
Typical response time 4.4 ms
Typical turn-off time 14 ms
Operating voltage display Yellow LED
Type of protection Surge protection
RC element
Protective circuit/component Varistor
RC element
Transmission frequency 5 Hz
Output data
Output voltage range 3 V DC ... 48 V DC
Limiting continuous current 100 mA
Voltage drop at max. limiting continuous current <= 0.9 V
Output circuit 3-conductor, ground-referenced
Type of protection Reverse polarity protection
Free running
Protective circuit/component Polarity protection diode
Damping diode
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
Conductor cross section AWG 24 ... 12
Torque 0.5 Nm
Connection data, output...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DEK-OE-230AC/ 48DC/100/SO 46 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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