

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-571F895783
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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

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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

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