

INDUSTRIAL COMPONENT DATA

DEK-OE-120AC/ 48DC/100 2941659 PHOENIX CONTACT

Solid-state relay terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: DEK-OE-120AC/ 48DC/100



Manufacturer	PHOENIX CONTACT
MPN / Reference	DEK-OE-120AC/ 48DC/100
Catalog number	2941659
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-A9EE13214F
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Product Overview

Solid-state relay terminal block

Input solid-state relay terminal, input: 120 V DC, 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

Key Commercial Data

Orderkey 2941659

Packing unit 10 pc

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GTIN 4017918080563

Weight per Piece (excluding packing) 20.720 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) -20 °C ... 60 °C

Ambient temperature (storage/transport) -20 °C ... 70 °C

Input data

Nominal input voltage UN 120 V AC

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

Input voltage range 108 V AC ... 132 V AC

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

Switching threshold "1" signal in reference to UN ≥ 0.8

Typical input current at UN 3.2 mA

Typical response time 10 ms

Typical turn-off time 20 ms

Operating voltage display Yellow LED

Type of protection Reverse polarity protection

Surge protection

Transmission frequency 3 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 2-conductor floating, 3-conductor ground-referenced

Type of protection Reverse polarity protection

Free-wheeling diode

Protective circuit/component Polarity protection diode

Damping diode

Output resistor approx. 22 k Ω (for 3-wire operation)

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 c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DEK-OE-120AC/ 48DC/100 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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