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-02A967477A
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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
Catalog page Page 440 (C-5-2017)
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? (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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