INDUSTRIAL COMPONENT DATA

DEK-OE- 12DC/ 48DC/100 2964487 PHOENIX CONTACT Solid-state relay terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: DEK-OE-12DC/ 48DC/100



Manufacturer	PHOENIX CONTACT
MPN / Reference	DEK-OE-12DC/ 48DC/100
Catalog number	2964487
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-D90CC9F97E
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Product Overview

Solid-state relay terminal block
Input solid-state relay terminal, input: 12 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 2964487
Packing unit 10 pc
Catalog page Page 440 (C-5-2017)
GTIN 4017918125141
Weight per Piece (excluding packing) 20.500 g
Custom tariff number 85364190
Country of origin CN (China)
Note
Utilization restriction EMC: class A product, see manufacturer's declaration in the download area
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 12 V DC
Input voltage range in reference to UN 0.8 ... 1.2
Input voltage range 9.6 V DC ... 14.4 V DC
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 11 mA
Typical response time 20 µs
Typical turn-off time 200 µs
Operating voltage display Yellow LED
Type of protection Reverse polarity protection
Transmission frequency 300 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 so...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DEK-OE-12DC/ 48DC/100 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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