INDUSTRIAL COMPONENT DATA

DEK-OE- 5DC/ 24DC/100KHZ-G 2964555 PHOENIX CONTACT Solid-state relay terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: DEK-OE-5DC/ 24DC/100KHZ-G



Manufacturer	PHOENIX CONTACT
MPN / Reference	DEK-OE-5DC/ 24DC/100KHZ-G
Catalog number	2964555
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-144EBDD532
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Product Overview

Solid-state relay terminal block
Input solid-state relay, with DC voltage output phase phase, 100 kHz transfer frequency, with indicator light and protection circuit in input and output circuit, input: 5 V DC, output: 14 - 30 V DC/50 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 2964555
Packing unit 10 pc
Catalog page Page 451 (C-5-2017)
GTIN 4017918130992
Weight per Piece (excluding packing) 21.700 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 5 V DC
Input voltage range in reference to UN 0.5 ... 1.2
Input voltage range 2.5 V DC ... 6 V DC
Switching threshold "0" signal in reference to UN <= 0.3
Switching threshold "1" signal in reference to UN >= 0.5
Typical input current at UN 8 mA
Typical response time 1 µs
Typical turn-off time 2 µs
Operating voltage display Yellow LED
Type of protection Reverse polarity protection
Surge protection
Protective circuit/component Polarity protection diode
Transmission frequency 100 kHz
Output data
Output voltage range 14 V DC ... 30 V DC
Limiting continuous current 50 mA
Quiescent current 15 mA
Voltage drop at max. limiting continuous current <= 2.2 V DC
Output circuit 3-conductor push-pull, ground referenced
Type of protection Surge protection
Protective circuit/component Suppressor 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 ... 4 mm²
Cond...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DEK-OE-5DC/ 24DC/100KHZ-G 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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