

INDUSTRIAL COMPONENT DATA

DEK-OV- 24DC/240AC/800 2964649 PHOENIX CONTACT

Solid-state relay terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: DEK-OV-24DC/240AC/800



Manufacturer	PHOENIX CONTACT
MPN / Reference	DEK-OV-24DC/240AC/800
Catalog number	2964649
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-C365795370
Generated	2026-08-01

Product Overview

Solid-state relay terminal block

Power solid-state relay terminal, input: 24 V DC, output: 10-253 V AC/800 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 2964649

Packing unit 10 pc

Catalog page Page 441 (C-5-2017)

GTIN 4017918131043

Weight per Piece (excluding packing) 21.000 g

Custom tariff number 85364190

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 24 V DC

Input voltage range in reference to UN 0.8 ... 1.2

Input voltage range 19.2 V DC ... 28.8 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 10.7 mA

Typical response time < 10 ms

Typical turn-off time < 10 ms

Operating voltage display Yellow LED

Type of protection Reverse polarity protection

Surge protection

Protective circuit/component Polarity protection diode

Transmission frequency 10 Hz

Output data

Output voltage range 10 V AC ... 253 V AC (50/60 Hz)

Limiting continuous current 0.8 A (see derating curve)

Maximum inrush current 30 A ($t = 10$ ms)

Min. load current 10 mA

Leakage current 1.2 mA (in off state)

Max. load value 4.5 A2s

Peak offstate voltage 600 V (Periodic peak reverse voltage)

Voltage drop at max. limiting continuous current ≤ 1 V

Output circuit 2-conductor floating, zero voltage switch

Type of protection RCV circuit

Protective circuit/component RCV circuit

Connection data, input side

Connection name Input side

Connection method Screw connection....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DEK-OV-24DC/240AC/800 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.