INDUSTRIAL COMPONENT DATA

DEK-OV- 5DC/240AC/800 2964623 PHOENIX CONTACT Solid-state relay terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: DEK-OV-5DC/240AC/800



Manufacturer	PHOENIX CONTACT
MPN / Reference	DEK-OV-5DC/240AC/800
Catalog number	2964623
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-60E228D8FF
Generated	2026-11-18

Product Overview

Solid-state relay terminal block
Power solid-state relay terminal, input: 5 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 2964623
Packing unit 10 pc
Catalog page Page 441 (C-5-2017)
GTIN 4017918130909
Weight per Piece (excluding packing) 21.070 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 5 V DC
Input voltage range in reference to UN 0.8 ... 1.2
Input voltage range 4 V DC ... 6 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 10.2 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
Surge current 30 A (t = 10 ms)
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 co...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DEK-OV-5DC/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.