

INDUSTRIAL COMPONENT DATA

DEK-REL- 5/O/1 2941170 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: DEK-REL-5/O/1



Manufacturer	PHOENIX CONTACT
MPN / Reference	DEK-REL-5/O/1
Catalog number	2941170
Category	Switching relay
Minimum order	1 Pcs
Document ID	EO-F957FC575F
Generated	2026-08-04

Product Overview

Relay Module

Borne-relay, with soldered miniature relays, contact (AgNi+Au): Small to medium powers, 1 open contact, input voltage 5 V AC/DC, for installation on NS 35/7.5, terminal width 6.2 mm, rotated arrangement

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 2941170

Packing unit 10 pc

Catalog page Page 439 (C-5-2017)

GTIN 4017918080327

Weight per Piece (excluding packing) 23.010 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 ... 50 °C

Ambient temperature (storage/transport) -20 °C ... 70 °C

Coil side

Nominal input voltage UN 5 V AC/DC

Input voltage range in reference to UN 0.9 ... 1.1

Typical input current at UN 23 mA

Typical response time 8 ms

Typical release time 15 ms

Protective circuit Bridge rectifier Bridge rectifier

Operating voltage display Yellow LED

Power dissipation for nominal condition 0.12 W

Contact side

Contact type 1 N/O contact (double contact)

Type of switch contact Double contact

Contact material AgNi, hard gold-plated

Maximum switching voltage 250 V AC

125 V DC

Minimum switching voltage 0.1 V

Min. switching current 1 mA

Maximum inrush current 5 A

Limiting continuous current 3 A (5 A up to 35°C at 24 V DC)

Interrupting rating (ohmic load) max. 72 W (at 24 V DC)

60 W (at 48 V DC)

50 W (at 60 V DC)

50 W (at 110 V DC)

750 VA (for 250 V AC)

120 W (at 24 V DC - up to 35°)

General

Type of note Note on application

Note Use of EB 80-DIK... bridges in the DEK terminal blocks: Absorption of humidity from the ambient air as well as an unfavorable tolerance between a larger...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DEK-REL-5/O/1 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.