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-8678370E3A |
| Generated | 2026-11-18 |

## 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

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|---|---|
| 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.



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