

## INDUSTRIAL COMPONENT DATA

## DEK-REL- 5//1 2941183 PHOENIX CONTACT Relay Module

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



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | PHOENIX CONTACT |
| MPN / Reference | DEK-REL-5//1    |
| Catalog number  | 2941183         |
| Category        | Switching relay |
| Minimum order   | 1 Pcs           |
| Document ID     | EO-3CECB6266F   |
| Generated       | 2026-08-01      |

## 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

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification &amp; Catalog Path

Catalog path PHOENIX CONTACT &gt; Industrial Relays

## Additional Product Information

## Key Commercial Data

Orderkey 2941183

Packing unit 10 pc

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GTIN 4017918080334

Weight per Piece (excluding packing) 22.460 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/I/1 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

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