

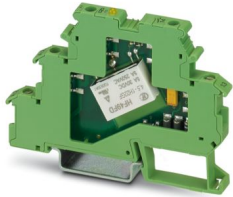
# DEK-REL- 24/1/SEN/SO123 - Relay terminal block



2964940

<https://www.phoenixcontact.com/us/products/2964940>

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Relay terminal block for sensor, with soldered-in miniature relays, contact (AgNi+Au): small to medium loads, 1 N/O contact, input voltage 24 V AC/DC, for assembly on NS 35/7.5, terminal width 6.2 mm

## Commercial data

Item number	2964940
Packing unit	10 pc
Minimum order quantity	10 pc
Product key	DK61Y1
GTIN	4017918415686
Weight per piece (including packing)	22.8 g
Weight per piece (excluding packing)	19 g
Country of origin	CN

## Technical data

### Notes

Note on application	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 number of DEK terminal blocks and the EB 80-DIK... bridge may cause (minor) expansion of the DEK housing. When the EB 80-DIK... bridges are used, therefore, it is recommended that these be disconnected after about 10 to 12 DEK terminal blocks and a wire bridge to the next DEK terminal block be inserted in their place.
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### Product properties

Product type	Relay Module
Product family	DEK

### Data management status

Date of last data management	07.05.2026
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### Input data

#### Coil side

Nominal input voltage $U_N$	24 V AC/DC
Input voltage range	19.2 V AC/DC ... 26.4 V AC/DC (20 °C)

### Connection data

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section AWG	24 ... 14
Tightening torque	0.5 Nm

### Dimensions

#### Item dimensions

Width	6.2 mm
Height	80 mm
Depth	56 mm

### Material specifications

Color	green (RAL 6021)
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### Mounting

Mounting type	DIN rail mounting
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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2964940>



**EAC**

Approval ID: RU\*C-DE.\*08.B.00010

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## Classifications

### ECLASS

ECLASS-13.0	27371601
ECLASS-15.0	27371601

### ETIM

ETIM 10.0	EC001437
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### UNSPSC

UNSPSC 21.0	39122300
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	492c31e9-2a90-4bde-85cb-a6ffa25e313c

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