



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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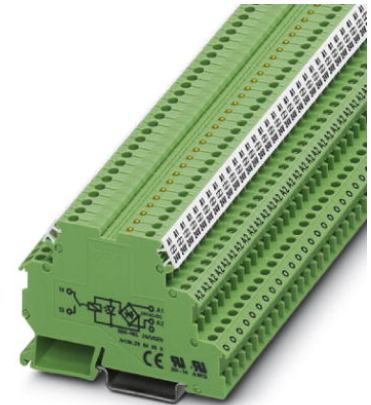
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# DEK-REL- 24/1/SEN

Order No.: 2964050



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2964050>

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

EAN	4017918099367
Pack	10 pcs.
Customs tariff	85364190
Weight/Piece	0.02645 KG
Catalog page information	Page 119 (IF-2009)

## Product notes

WEEE/RoHS-compliant since:  
07/11/2006



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

## Technical data

### Coil side

Nominal input voltage $U_N$	24 V AC/DC
	24 V DC
	24 V AC

Input voltage range in reference to $U_N$	0.8 ... 1.1
Nominal input current at $U_{IN}$	6.5 mA
Typical response time	5 ms
Typical release time	15 ms
Operating voltage display	Yellow LED
Name of protection	Bridge rectifier
Protective circuit/component	Bridge rectifier

#### Contact side

Contact type	Double contact, 1 N/O contact
Contact material	AgNi, 5 µm hard gold-plated
Maximum switching voltage	250 V AC
	125 V DC
Minimum switching voltage	0.1 V
Maximum inrush current	5 A
Min. switching current	1 mA
Limiting continuous current	3 A (5 A up to 35°C at 24 V DC)
Interrupting rating (ohmic load) max.	72 W (for 24 V DC)
	60 W (for 48 V DC)
	50 W (for 60 V DC)
	50 W (for 110 V DC)
	750 VA (for 250 V AC)
	120 W (at 24 V DC - up to 35°)

#### General data

Width	6.2 mm
Height	56 mm
Depth	80 mm
Test voltage relay winding/relay contact	2 kV AC (50 Hz, 1 min)
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Operating mode	100% operating factor
Service life mechanical	Approx. $2 \times 10^7$ cycles

Standards/regulations	IEC 60664
	IEC 60664 A
	DIN VDE 0110
	IEC 60255/DIN VDE 0435 (in relevant parts)
	DIN EN 50178/DIN VDE 0160 (in relevant parts)
Pollution degree	2
Surge voltage category	III
Mounting position	Any
Assembly instructions	In rows with zero spacing

#### Connection data

Type of connection	Screw connection
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Stripping length	8 mm
Screw thread	M3

#### Certificates / Approvals



Certification CUL, GOST, UL

#### Accessories

Item	Designation	Description
<b>Assembly</b>		
2716949	D-DEK 1,5 GN	Cover for setting the end of a terminal row, color: green

#### Bridges

2716648	EB 2- DIK BU	Cross connector/bridge, Number of positions: 2, Color: blue
2716693	EB 2- DIK RD	Cross connector/bridge, Number of positions: 2, Color: red



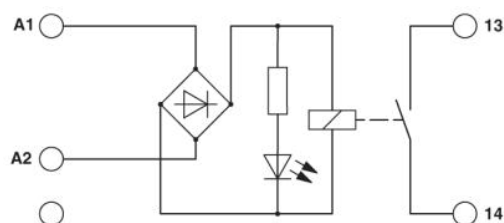
2716651	EB 3- DIK BU	Cross connector/bridge, Number of positions: 3, Color: blue
2716745	EB 3- DIK RD	Cross connector/bridge, Number of positions: 3, Color: red
2716664	EB 4- DIK BU	Cross connector/bridge, Number of positions: 4, Color: blue
2716758	EB 4- DIK RD	Cross connector/bridge, Number of positions: 4, Color: red
2716677	EB 5- DIK BU	Cross connector/bridge, Number of positions: 5, Color: blue
2716761	EB 5- DIK RD	Cross connector/bridge, Number of positions: 5, Color: red
2716680	EB 10- DIK BU	Cross connector/bridge, Number of positions: 10, Color: blue
2716774	EB 10- DIK RD	Cross connector/bridge, Number of positions: 10, Color: red
2715940	EB 80- DIK BU	Cross connector/bridge, Number of positions: 80, Color: blue
2715953	EB 80- DIK RD	Cross connector/bridge, Number of positions: 80, Color: red
2715788	EB 80- DIK WH	Cross connector/bridge, Number of positions: 80, Color: white

#### Additional products

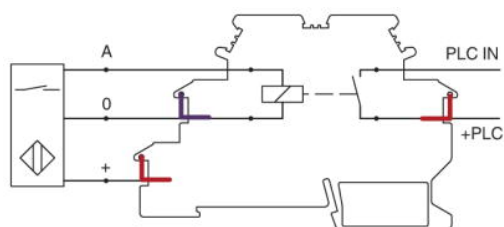
Item	Designation	Description
<b>General</b>		
2715979	DIKD 1,5	Sensor/actuator terminal block, Cross section: 0.2 mm <sup>2</sup> - 4 mm <sup>2</sup> , AWG: 24 - 12, Connection type: Screw connection, Width: 6.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

#### Diagrams/Drawings

Circuit diagram



Schematic diagram



Pin configuration DEK-REL-...SEN

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