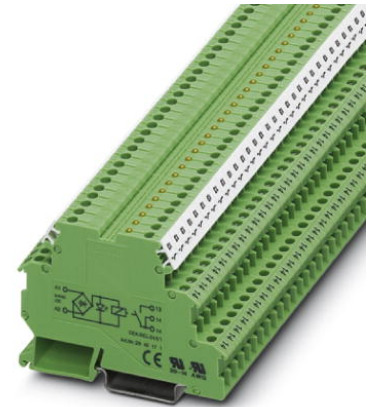


DEK-REL- 24/I/1


Order No.: 2940171



<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=2940171>


Relay terminal block, 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 |  4 017918 079895 |
| Pack | 10 Pcs. |
| Customs tariff | 85364190 |
| Product key | 106040 |
| Catalog page information | Page 128 (IF-2011) |

Product notes

WEEE/RoHS-compliant since:
01/02/2006



<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 |
| Protective circuit | Bridge rectifier Bridge rectifier |

Contact side

| | |
|---------------------------------------|---|
| Contact type | Double contact, 1 N/O contact |
| Contact material | AgNi, 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 (at 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 | 80 mm |
| Depth | 56 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 |
| Mechanical service life | Approx. 2×10^7 cycles |
| Standards/regulations | IEC 60664 EN 50178 IEC 62103 |
| Rated surge voltage / insulation | Basic insulation |
| Pollution degree | 2 |

| | |
|------------------------|---------------------------|
| Surge voltage category | III |
| Mounting position | Any |
| Assembly instructions | In rows with zero spacing |

Connection data

| | |
|--|---------------------|
| Connection method | Screw connection |
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| 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 |
|-----------------|--------------|---|
| Assembly | | |
| 2716949 | D-DEK 1,5 GN | Cover for setting the end of a terminal row, color: green |

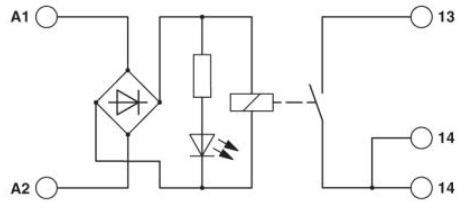
Bridges

| | | |
|---------|---------------|--|
| 2716693 | EB 2- DIK RD | Insertion bridge, Number of positions: 2, Color: red |
| 2716651 | EB 3- DIK BU | Insertion bridge, Number of positions: 3, Color: blue |
| 2716651 | EB 3- DIK BU | Insertion bridge, Number of positions: 3, Color: blue |
| 2716745 | EB 3- DIK RD | Insertion bridge, Number of positions: 3, Color: red |
| 2716664 | EB 4- DIK BU | Insertion bridge, Number of positions: 4, Color: blue |
| 2716758 | EB 4- DIK RD | Insertion bridge, Number of positions: 4, Color: red |
| 2716677 | EB 5- DIK BU | Insertion bridge, Number of positions: 5, Color: blue |
| 2716761 | EB 5- DIK RD | Insertion bridge, Number of positions: 5, Color: red |
| 2716680 | EB 10- DIK BU | Insertion bridge, Number of positions: 10, Color: blue |
| 2716774 | EB 10- DIK RD | Insertion bridge, Number of positions: 10, Color: red |

| | | |
|---------|---------------|---|
| 2715940 | EB 80- DIK BU | Insertion bridge, Number of positions: 80, Color: blue |
| 2715953 | EB 80- DIK RD | Insertion bridge, Number of positions: 80, Color: red |
| 2715788 | EB 80- DIK WH | Insertion bridge, Number of positions: 80, Color: white |

Drawings

Circuit diagram



Connection data incl. use groups





Address

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