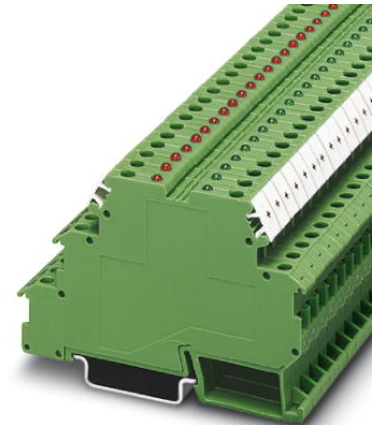


EIK1-SVN-24P


Order No.: 2940799



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2940799>

Switching amplifier electronic terminal block, for inductive proximity sensors acc. to NAMUR, with light indicators for sensor signal and faults



| Commercial data | |
|--------------------------|--|
| GTIN (EAN) |  4 017918 080242 |
| sales group | G042 |
| Pack | 10 pcs. |
| Customs tariff | 85364190 |
| Catalog page information | Page 142 (IF-2009) |

Product notes

WEEE/RoHS-compliant since:
04/01/2007



<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 | |
|--------------------------|--|
| Input data | |
| Name | Supply |
| Input voltage range | 18.5 V DC ... 28.8 V DC (U_{VN} , see derating curve) |
| Max. current consumption | 70 mA (at 50 mA output current) |

| | |
|--|---|
| Operating voltage display | Green LED |
| Type of protection | Protection against polarity reversal |
| Protective circuit/component | Polarity protection diode |
| Transmission frequency | 1 kHz |
| Name | Control circuit |
| Nominal input voltage U_N | 8.2 V DC $\pm 10\%$ |
| Indication | visual short-circuit and wire break control with LED (red) |
| Type of protection | 12 V Zener diode |
| Protective circuit/component | 12 V Zener diode |
| Transmission frequency | 1 kHz |
| Switching point | ≥ 2.1 mA (In conductive state) ≤ 1.2 mA (In blocking state) 6.3 mA ... 10 mA (in the event of a short-circuit) 0 mA ... 0.35 mA (In the event of a wire break) |
| Switching hysteresis | Approx. 0.2 mA |
| Internal resistance | Approx. 1 k Ω |
| Output data | |
| Name | Signal output |
| Output nominal voltage | ≤ 100 mV (In conductive state) $U_{VN} - U_R$ (In blocking state) |
| Limiting continuous current | 50 mA |
| Voltage drop at max. limiting continuous current | ≤ 1.5 V (U_R) |
| Type of protection | 36 V Zener diode as free-wheeling diode |
| Protective circuit/component | 36 V Zener diode as free-wheeling diode |
| Connection data | |
| Type of connection | Screw connection |
| Stripping length | 8 mm |
| Screw thread | M3 |
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 4 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 | 12 |

General data

| | |
|---|----------------------------|
| Width | 6.2 mm |
| Height | 80 mm |
| Depth | 56 mm |
| Ambient temperature (operation) | -25 °C ... 50 °C |
| Ambient temperature (storage/transport) | -25 °C ... 70 °C |
| Mounting position | Any |
| Assembly instructions | In rows with zero spacing |
| Name | Air and creepage distances |
| Standards/regulations | IEC 60664 |
| | EN 61000-6-2 |
| | EN 61000-6-4 |
| Pollution degree | 2 |
| Surge voltage category | III |

Certificates / Approvals



Certification GOST

Accessories

| Item | Designation | Description |
|------|-------------|-------------|
|------|-------------|-------------|

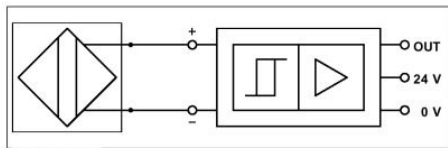
Bridges

| | | |
|---------|---------------|--|
| 2716648 | EB 2- DIK BU | Insertion bridge, Number of positions: 2, Color: blue |
| 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 |
| 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 |

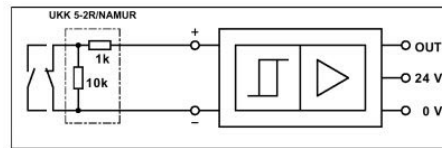
| | | |
|---------|---------------|---|
| 2716774 | EB 10- DIK RD | Insertion bridge, Number of positions: 10, Color: red |
| 2715940 | EB 80- DIK BU | Insertion bridge, Number of positions: 80, Color: blue |
| 2715953 | EB 80- DIK RD | Insertion bridge, Number of positions: 80, Color: red |
| 2715788 | EB 80- DIK WH | Insertion bridge, Number of positions: 80, Color: white |

Diagrams/Drawings

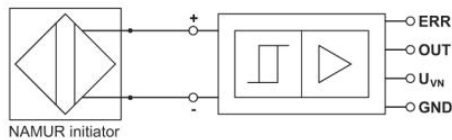
Application drawing



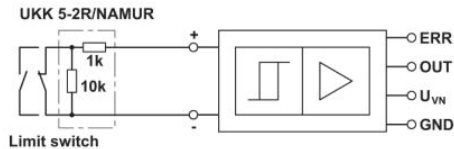
NAMUR initiator



Limit switch

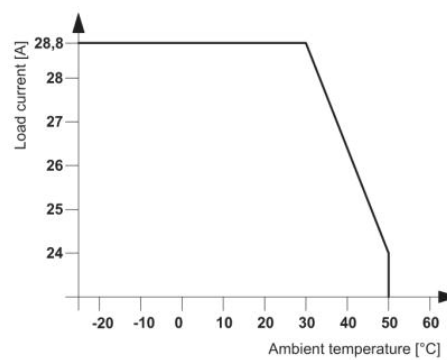
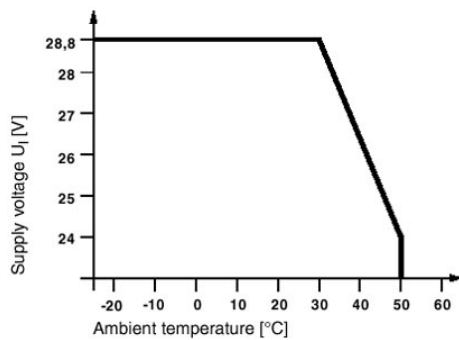


NAMUR initiator

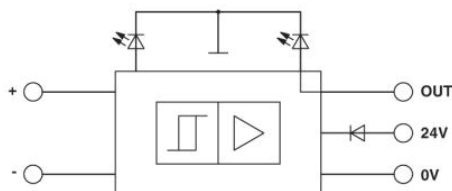


Limit switch

Diagram



Circuit diagram



EIK1-SVN-24P Order No.: 2940799

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2940799>

Address

PHOENIX CONTACT Deutschland GmbH
Flachmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



© 2011 Phoenix Contact
Technical modifications reserved;

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9