



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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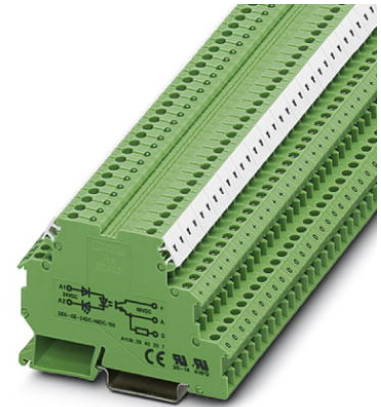
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



DEK-OE- 24DC/ 48DC/100

Order No.: 2940207



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2940207>

Input optocoupler terminal block, input: 24 V DC, output: 3-48 V DC/100 mA, terminal width 6.2 mm

| Commercial data | |
|--------------------------|--------------------|
| EAN | 4017918079901 |
| Pack | 10 pcs. |
| Customs tariff | 85364190 |
| Weight/Piece | 0.0244 KG |
| Catalog page information | Page 120 (IF-2009) |

Product notes

WEEE/RoHS-compliant since: 08/15/2006



<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

| Input data | |
|--|-------------|
| Nominal input voltage U_N | 24 V DC |
| Input voltage range in reference to U_N | 0.8 ... 1.2 |
| Switching threshold "0" signal in reference to U_N | ≤ 0.4 |
| Switching threshold "1" signal in reference to U_N | ≥ 0.8 |

| | |
|--------------------------------|---------------------|
| Typical input current at U_N | 7 mA |
| Typical response time | 20 μ s |
| Typical turn-off time | 200 μ s |
| Operating voltage display | Yellow LED |
| Name of protection | Polarity protection |
| Transmission frequency | 300 Hz |

Output data

| | |
|--|---|
| Output nominal voltage range | 3 V DC ... 48 V DC |
| Limiting continuous current | 100 mA |
| Voltage drop at max. limiting continuous current | ≤ 0.9 V |
| Output circuit | 2-conductor floating, 3-conductor ground-referenced |
| Name of protection | Polarity protection |
| | Free-wheeling diode |
| Protective circuit/component | Polarity protection diode |
| | Damping diode |
| Output resistor | Approx. 22 k Ω (for 3-wire operation) |

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. | 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 |

General data

| | |
|---|------------------|
| Width | 6.2 mm |
| Height | 56 mm |
| Depth | 80 mm |
| Test voltage input/output | 2.5 kV AC |
| Ambient temperature (operation) | -20 °C ... 60 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
| Mounting position | Any |

| | |
|------------------------|---------------------------|
| Assembly instructions | In rows with zero spacing |
| Operating mode | 100% operating factor |
| Standards/regulations | IEC 60664 |
| | IEC 60664 A |
| | DIN VDE 0110 |
| Pollution degree | 2 |
| Surge voltage category | III |

Certificates / Approvals



Certification CUL, GOST, UL

CUL

| | |
|-----------|-------|
| AWG/kcmil | 30-14 |
|-----------|-------|

UL

| | |
|-----------|-------|
| AWG/kcmil | 30-14 |
|-----------|-------|

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