

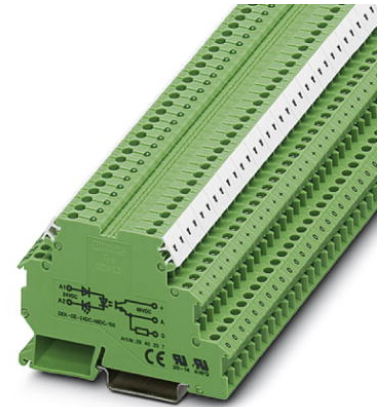


THE DATASHEET OF
2940223



DEK-OE- 5DC/ 48DC/100

Order No.: 2940223



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2940223>

Input optocoupler terminal block, input: 5 V DC, output: 3 - 48 V DC/100 mA, terminal width 6.2 mm

Commercial data	
EAN	4017918079925
Pack	10 pcs.
Customs tariff	85364190
Weight/Piece	0.02396 KG
Catalog page information	Page 120 (IF-2009)

Product notes

WEEE/RoHS-compliant since: 10/26/2006



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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	5 V DC
Input voltage range in reference to U_N	0.9 ... 1.1
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	6.5 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
Rated surge voltage / insulation	Basic insulation
Pollution degree	2
Surge voltage category	III

Certificates / Approvals



Certification

GOST

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