

DEK-OE-125DC/ 48DC/100/T

Order No.: 2940294

The illustration shows the version DEK-OE- 24DC/48DC/100/T



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2940294>

Input optocoupler terminal block, input: 125 V DC, output: 3 - 48 V DC/100 mA, with isolating connector in the output, terminal width 6.2 mm



Commercial data	
GTIN (EAN)	4017918079994
sales group	G120
Pack	10 pcs.
Customs tariff	85364900
Weight/Piece	0.02455 KG
Catalog page information	Page 71 (IF-2002)

Product notes

WEEE/RoHS-compliant since:
06/07/2007



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Technical data

Input data

Nominal input voltage U_N	125 V DC \pm 10%
Switching threshold "0" signal, voltage	\leq 50 V

Switching threshold "1" signal voltage	≥ 100 V
Typical input current at U_N	3 mA
Typical response time	40 μ s (delay)
Typical turn-off time	40 μ s (delay)
Status display	Yellow LED
Type of protection	Protection against polarity reversal
Protective circuit/component	Bridge rectifier
Transmission frequency	30 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-wire, floating
Type of protection	Protection against polarity reversal
	Surge protection
Protective circuit/component	Polarity protection 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.	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	80 mm
Depth	56 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



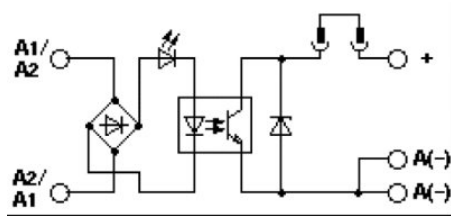
Certification GOST

Accessories

Item	Designation	Description
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

Diagrams/Drawings

Circuit diagram



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