

Solid-state relay terminal block - DEK-OE-125DC/ 48DC/100/ T - 2940294

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Input solid-state relay terminal block, input: 125 V DC, output: 3 - 48 V DC/100 mA, with isolating plug in output, terminal block width: 6.2 mm

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



Key commercial data

package_quantity	10
GTIN	4017918079994

Technical data

Dimensions

Width	6.2 mm
Height	80 mm
Depth	56 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

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	\geq 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

Solid-state relay terminal block - DEK-OE-125DC/ 48DC/100/ T - 2940294

Technical data

Output data

Output 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
Type of protection	Surge protection
Protective circuit/component	Polarity protection diode

Connection data

Connection method	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

Test voltage input/output	2.5 kV AC
Mounting position	Any
Assembly instructions	In rows with zero spacing
Operating mode	100% operating factor
Standards/regulations	IEC 60664
Standards/regulations	IEC 60664 A
Standards/regulations	DIN VDE 0110
Pollution degree	2
Surge voltage category	III

classifications

eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001
eCl@ss 8.0	27371001

ETIM

Solid-state relay terminal block - DEK-OE-125DC/ 48DC/100/ T - 2940294

classifications

ETIM

ETIM 2.0	EC001504
ETIM 3.0	EC001504
ETIM 4.0	EC001504
ETIM 5.0	EC001504

UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121542
UNSPSC 11	39121542
UNSPSC 12.01	39121542
UNSPSC 13.2	39121542

approvals

GOST /

Approval details



accessories

Partition plate

D-DEK 1,5 GN - 2716949



Bridge

EB 80- DIK WH - 2715788



Solid-state relay terminal block - DEK-OE-125DC/ 48DC/100/ T - 2940294

accessories

EB 80- DIK RD - 2715953



EB 80- DIK BU - 2715940



EB 10- DIK BU - 2716680



EB 5- DIK BU - 2716677



EB 4- DIK BU - 2716664



Solid-state relay terminal block - DEK-OE-125DC/ 48DC/100/ T - 2940294

accessories

EB 3- DIK BU - 2716651



EB 3- DIK BU - 2716651



EB 10- DIK RD - 2716774



EB 5- DIK RD - 2716761



EB 4- DIK RD - 2716758



Solid-state relay terminal block - DEK-OE-125DC/ 48DC/100/ T - 2940294

accessories

EB 3- DIK RD - 2716745



EB 2- DIK RD - 2716693



Drawings

Circuit diagram

