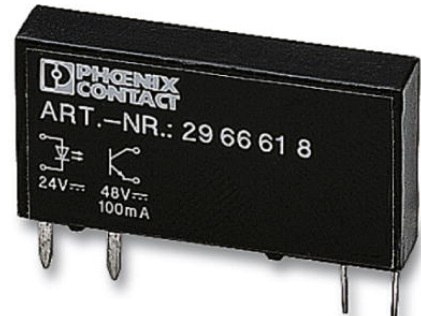


OPT-24DC/24DC/2

Order No.: 2966595

The illustration shows the version OPT-24DC/48DC/100

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2966595>Pluggable miniature optocouplers, power optocouplers, input: 24 V
DC, output: 3-33 V DC/3 A

Commercial data

EAN	4017918130947
Pack	10 Pcs.
Customs tariff	85364190
Weight/Piece	0.00533 KG
Catalog page information	Page 82 (IF-2007)

Product notes

WEEE/RoHS-compliant since:
02/27/2006

<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, voltage	≤ 10 V
Switching threshold "1" signal voltage	≥ 16 V

Typical input current at U_N	7 mA
Typical response time	20 μ s (at U_N)
Typical turn-off time	300 μ s (at U_N)
Transmission frequency	300 Hz

Output data

Output nominal voltage range	3 V DC ... 33 V DC
Limiting continuous current	3 A
Maximum inrush current	15 A (10 ms)
Voltage drop at max. limiting continuous current	\leq 150 mV
Output circuit	2-conductor floating
Name of protection	Polarity protection Surge protection

General data

Length	28 mm
Width	5 mm
Height	15 mm
Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °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

Approval logo

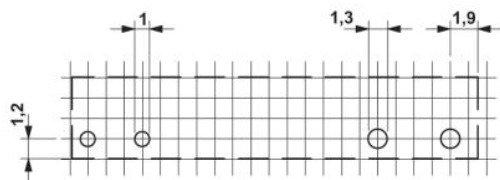


requested approbations

Certification	CUL, GL, GOST, UL
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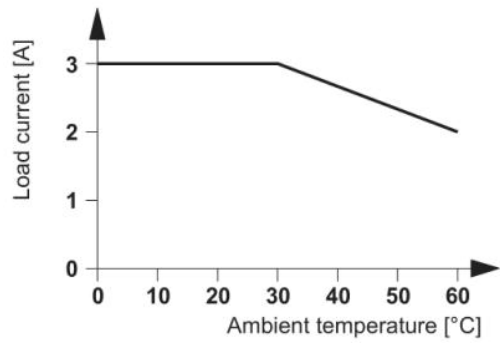
Drawings

Drilling diagram

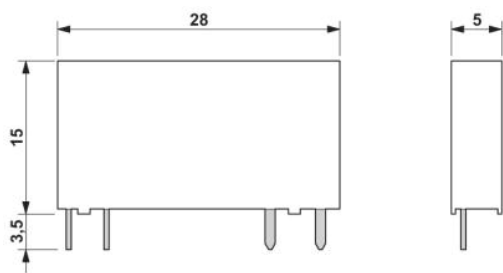


a = pitch division 1.25 mm and 1.27 mm

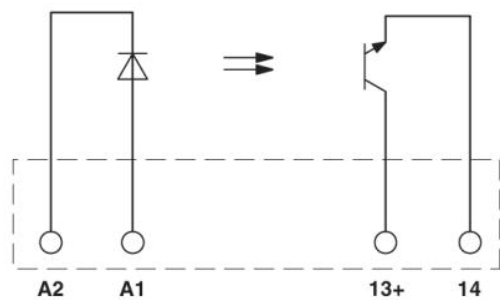
Diagram



Dimensioned drawing



Circuit diagram



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