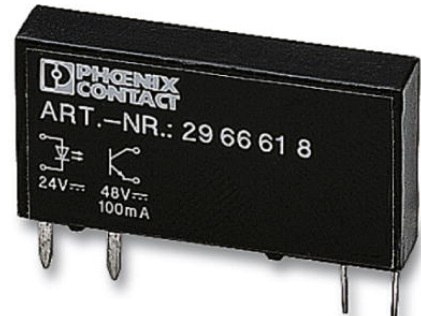


## OPT-24DC/24DC/2

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	$\leq 10$ V
Switching threshold "1" signal voltage	$\geq 16$ V

Typical input current at $U_N$	7 mA
Typical response time	20 $\mu$ s (at $U_N$ )
Typical turn-off time	300 $\mu$ 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

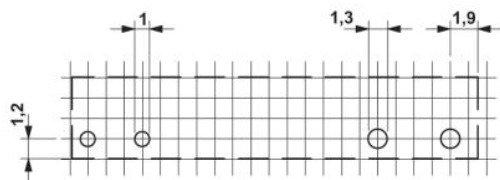


**requested approbations**

Certification	CUL, GL, GOST, UL
---------------	-------------------

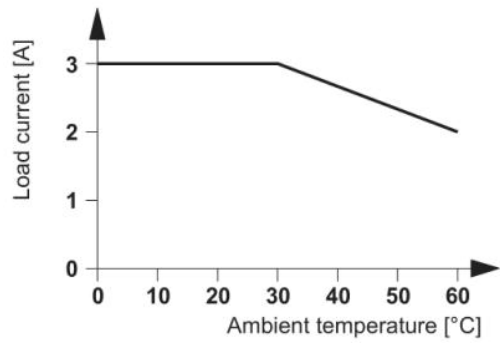
**Drawings**

Drilling diagram

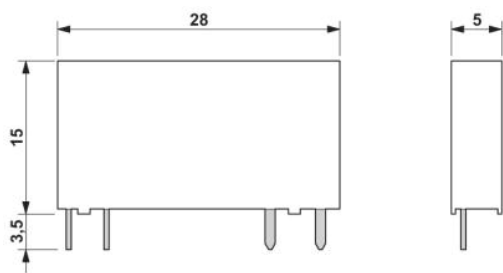


a = pitch division 1.25 mm and 1.27 mm

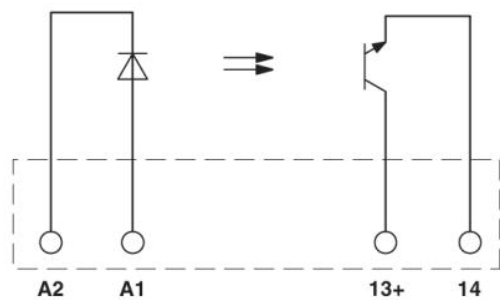
Diagram



Dimensioned drawing



Circuit diagram



**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



© 2008 Phoenix Contact  
Technical modifications reserved;