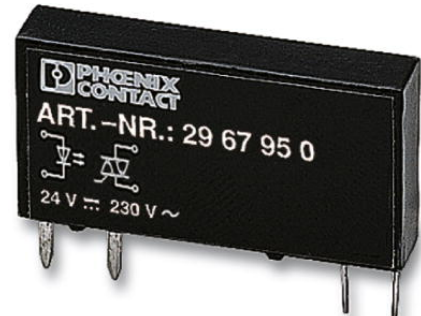


**OPT-24DC/230AC/ 1**

Order No.: 2967950

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2967950>Pluggable miniature optocouplers, power optocouplers, input: 24 V  
DC, output: 24-253 V AC/ 0.75 A**Commercial data**

EAN	4017918190538
Pack	10 pcs.
Customs tariff	85364190
Weight/Piece	0.00575 KG
Catalog page information	Page 83 (IF-2007)

**Product notes**WEEE/RoHS-compliant since:  
05/29/2006

<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	$\leq 5$ V
Switching threshold "1" signal voltage	$\geq 10$ V

Typical input current at $U_N$	3 mA
Typical response time	6 ms (at $U_N$ )
Typical turn-off time	500 $\mu$ s (at $U_N$ )
Transmission frequency	10 Hz

#### Output data

Output nominal voltage range	24 V AC ... 253 V AC
Limiting continuous current	0.75 A
Maximum inrush current	30 A (10 ms)
Min. load current	10 mA
Leakage current	< 1 mA
Max. load value	4.5 A <sup>2</sup> s
Voltage drop at max. limiting continuous current	< 1 V
Output circuit	2-conductor floating, zero voltage switch
Name of protection	RCV circuit
Protective circuit/component	RCV circuit

#### 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

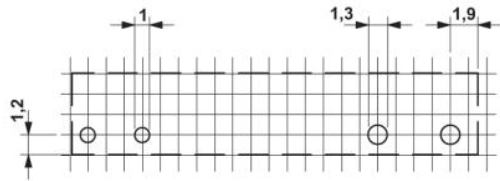


Certification

CUL, GL, GOST, UL

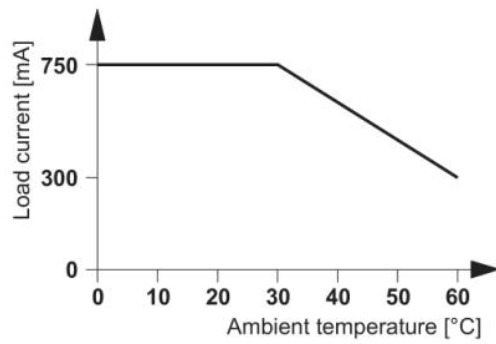
### Drawings

#### Drilling diagram

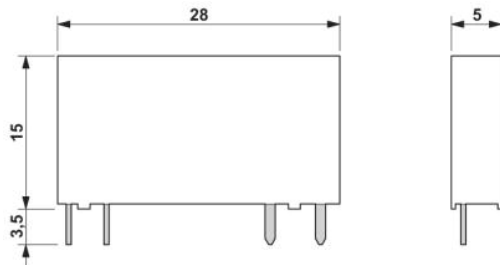


a = pitch division 1.25 mm and 1.27 mm

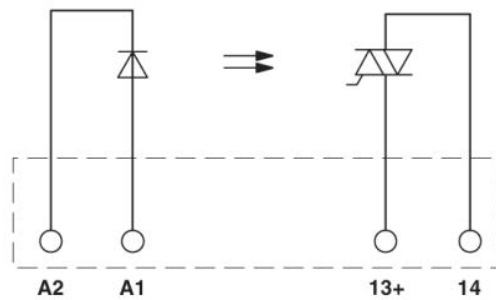
#### Diagram



#### Dimensioned drawing



#### Circuit diagram



**Address**

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