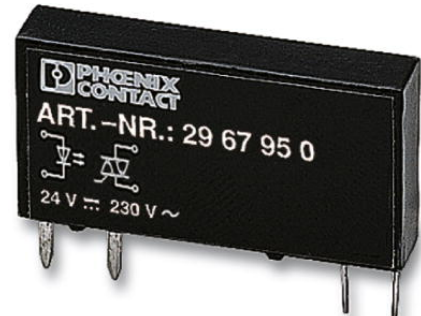


OPT-24DC/230AC/ 1

Order No.: 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	≤ 5 V
Switching threshold "1" signal voltage	≥ 10 V

Typical input current at U_N	3 mA
Typical response time	6 ms (at U_N)
Typical turn-off time	500 μ 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 ² 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

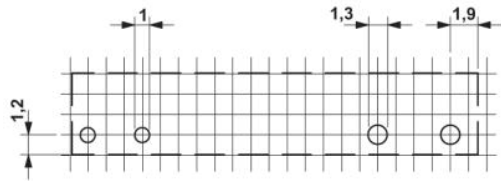


Certification

CUL, GL, GOST, UL

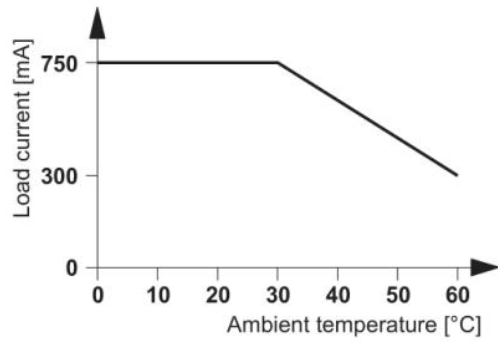
Drawings

Drilling diagram

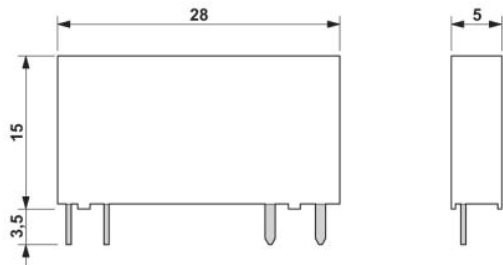


a = pitch division 1.25 mm and 1.27 mm

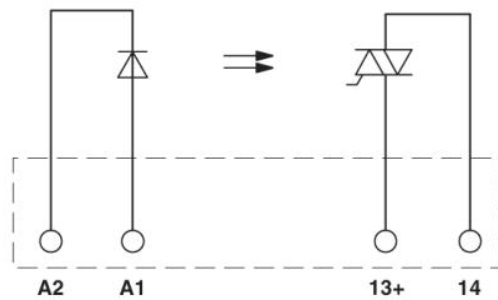
Diagram



Dimensioned drawing



Circuit diagram



Address

PHOENIX CONTACT UAB
Svitrigailos Str. 11b
03228 Vilnius, LITHUANIA
Phone +370 5 2106321
Fax +370 5 2106324
<http://www.phoenixcontact.lt>



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