

ST-OV3- 12DC/240AC/3

Order No.: 2903040

The illustration shows version ST-OV 3- 5 DC/240 AC/3



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2903040>

Pluggable power optocoupler, with light indicator and protection circuits in the input and output circuits, input: 12 V DC, output: 24-280 V AC/max. 3 A, can be plugged on basic termination blocks

Commercial data

GTIN (EAN)	 4 017918 078898
Note	Made-to-order
sales group	G102
Pack	10 pcs.
Customs tariff	85364190
Catalog page information	Page 92 (IF-2005)

Product notes

WEEE/RoHS-compliant since:
06/12/2007



<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	12 V DC $\pm 20\%$
-----------------------------	--------------------

Switching threshold "0" signal in reference to U_N	≤ 0.4
Switching threshold "1" signal in reference to U_N	≥ 0.8
Typical input current at U_N	7 mA
Typical response time	(switch-on time: Max. one half cycle - zero-voltage crossing)
Typical turn-off time	(switch-off time Max. one half cycle - zero-current crossing)
Operating voltage display	Yellow LED
Type of protection	Protection against polarity reversal
Protective circuit/component	Polarity protection diode
Transmission frequency	25 Hz

Output data

Output nominal voltage range	24 V AC ... 280 V AC
Limiting continuous current	3 A (see derating curve)
Min. load current	50 mA
Leakage current	5 mA (in off state - components with low minimum load and leakage currents on request.)
Surge current	35 A (t = 10 ms)
Max. load value	6 A ² s ($I^2 \times t$ at t = 8.3 ms)
Peak offstate voltage	600 V (Periodic peak reverse voltage)
Voltage drop at max. limiting continuous current	1.5 V
Output circuit	2-wire, floating
Protective circuit/component	RC element

General data

Width	20.8 mm
Height	33 mm
Depth	66.5 mm
Test voltage input/output	2.5 kV AC
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Mounting position	Any
Standards/regulations	DIN VDE 0110

Certificates / Approvals

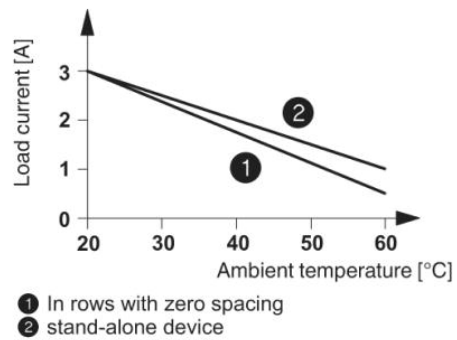


Certification

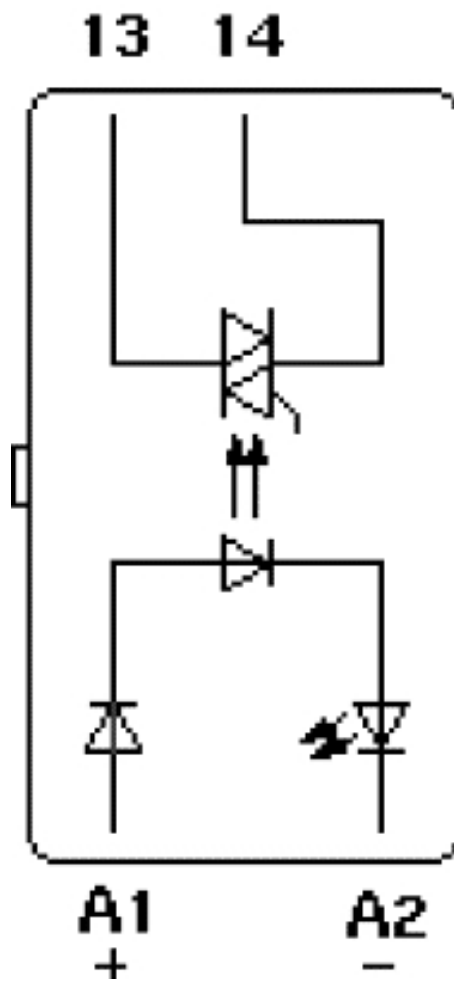
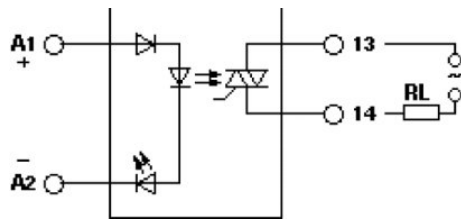
GOST

Diagrams/Drawings

Diagram



Circuit diagram



Address

PHOENIX CONTACT Deutschland GmbH
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



© 2011 Phoenix Contact
Technical modifications reserved;

单击下面可查看定价，库存，交付和生命周期等信息

[>>Phoenix Contact\(菲尼克斯\)](#)