Extract from the online catalog

ST-OE2- 5DC/ 48DC/100

This product has been replaced by a newer version.

Order No.: 2911676



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2911676

Pluggable input optocoupler, with light indicator and protection circuits in the input and output circuits, input: 5 V DC, output: 8 - 48 V DC/ max. 100 mA, can be plugged on basic termination blocks

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.

Commercial data	
EAN	4017918079697
Pack	10 Pcs.
Customs tariff	85364190
Weight/Piece	0.02236 KG
Catalog page information	Page 93 (IF-2005)

Technical data

Input data

Nominal input voltage U_N	5 V DC ± 10%
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	12 mA
Typical response time	20 µs

Typical turn-off time	100 µs
Status display	Yellow LED
Name of protection	Polarity protection
	Surge protection
Protective circuit/component	Polarity protection diode
	RC element
Transmission frequency	500 Hz

Output data

Output nominal voltage range	8 V DC ... 48 V DC
Limiting continuous current	100 mA
Voltage drop at max. limiting continuous current	0.9 V
Output circuit	2-conductor floating
Name of protection	Polarity protection
	Surge protection
Protective circuit/component	Polarity protection diode

General data

Length	33 mm
Width	14.6 mm
Height	66.5 mm
Test voltage input/output	2.5 kV AC
Ambient temperature (operation)	-20 °C ... 60 °C
Mounting position	Any
Standards/regulations	DIN VDE 0110

Certificates / Approvals

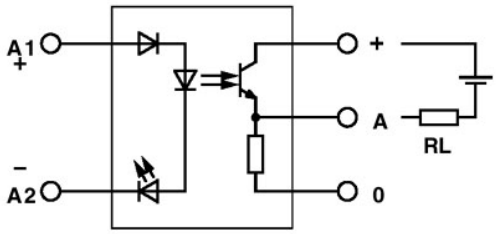
Approval logo

requested approbations

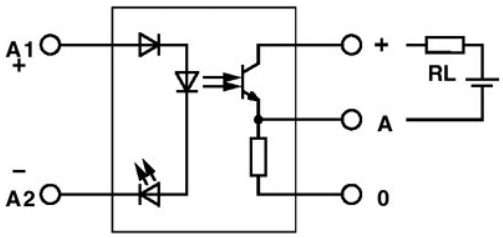
Certification	GOST

Drawings

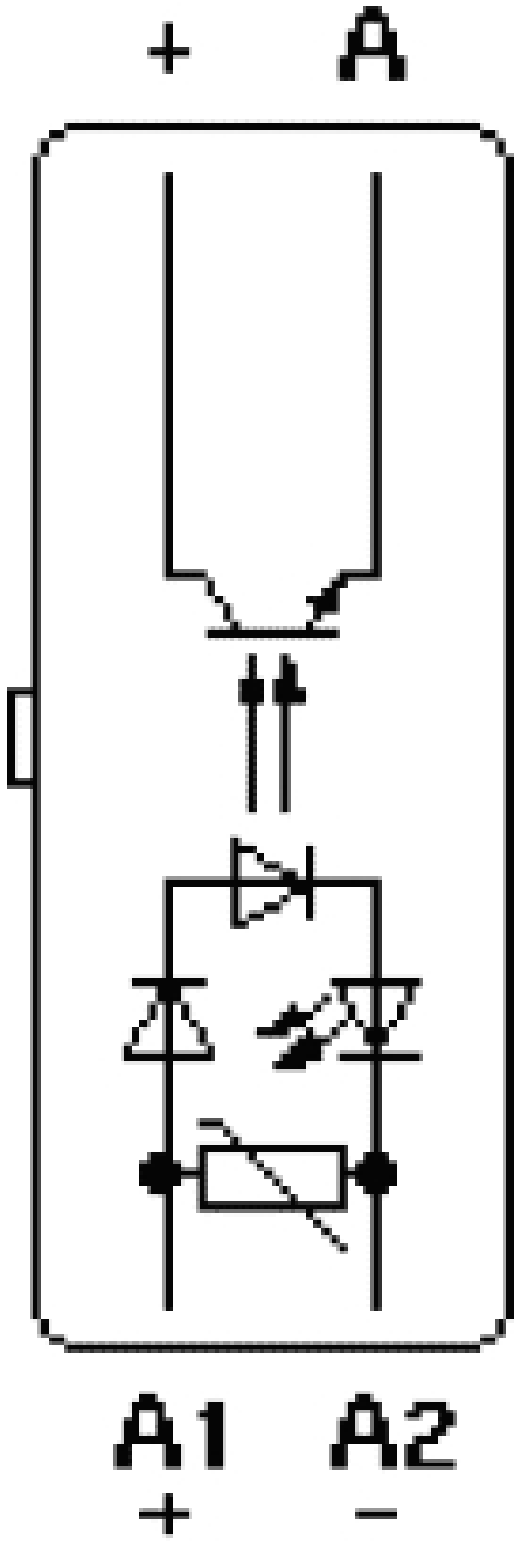
Circuit diagram



Output: 2-wire, floating, plus switching



Output: 2-wire, floating, minus switching


+
A
A1
A2
+
–

Address

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg,Germany
Phone +49 5235 3 00
Fax +49 5235 3 41200
http://www.phoenixcontact.de

© 2008 Phoenix Contact
Technical modifications reserved;