

## 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This product has been replaced by a newer version.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

### Commercial data

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

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### Technical data

#### Input data

Nominal input voltage $U_N$	5 V DC $\pm$ 10%
Switching threshold "0" signal in reference to $U_N$	$\leq$ 0.4
Switching threshold "1" signal in reference to $U_N$	$\geq$ 0.8
Typical input current at $U_N$	12 mA
Typical response time	20 $\mu$ s

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

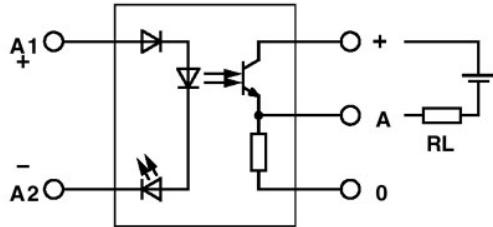


#### requested approbations

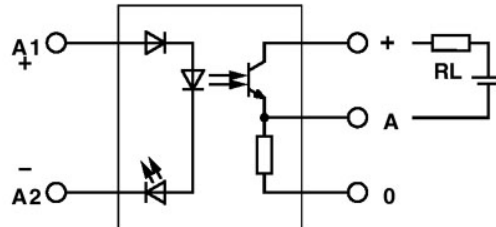
Certification	GOST
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## Drawings

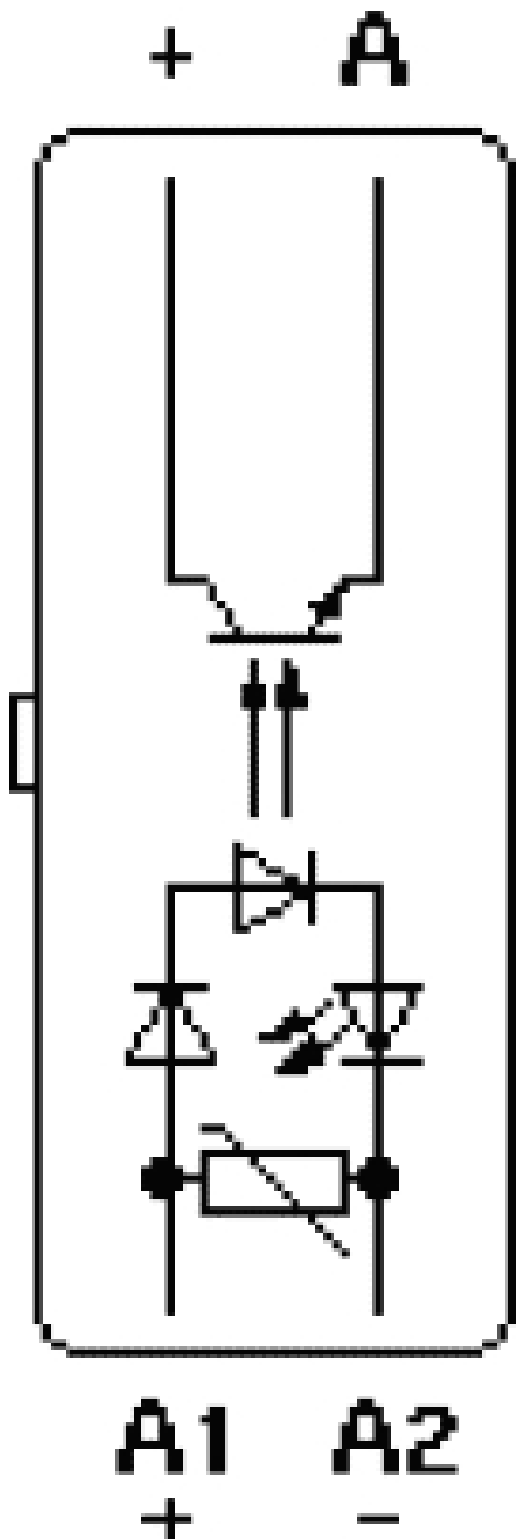
### Circuit diagram



Output: 2-wire, floating, plus switching



Output: 2-wire, floating, minus switching



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