

## SIM-EI- 24DC/TTL/100


Order No.: 2271154

The illustration shows version SIM-EI- 5DC/TTL/100



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2271154>

Input optocoupler, with protection circuits in input and output circuits, input: 24 V DC, output: TTL logic level, max. 100 mA

Commercial data	
GTIN (EAN)	 4 017918 054199
sales group	G150
Pack	10 pcs.
Customs tariff	85364190
Catalog page information	Page 309 (IF-2009)

### Product notes

WEEE/RoHS-compliant since:  
06/04/2007



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## Technical data

Input data	
Nominal input voltage $U_N$	24 V AC $\pm 10$ %
Input voltage range in reference to $U_N$	0.9 ... 1.1
Switching threshold "0" signal in reference to $U_N$	$\leq 0.4$
Switching threshold "1" signal in reference to $U_N$	$\geq 0.8$

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Typical input current at $U_N$	5.1 mA
Type of protection	Protection against polarity reversal
Protective circuit/component	Polarity protection diode
Transmission frequency	4000 Hz

#### Output data

Output nominal voltage range	3 V DC ... 5.25 V DC
Limiting continuous current	100 mA
Fan out	1
Voltage drop at max. limiting continuous current	0.3 V
Output circuit	3-conductor, ground-referenced
Type of protection	Protection against polarity reversal
	Free running
Protective circuit/component	Polarity protection diode
	Damping diode
Output resistor	Approx. 390 $\Omega$

#### General data

Width	13 mm
Height	29 mm
Depth	25 mm
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Mounting position	Any
Assembly instructions	Can be aligned with 2 mm spacing
Standards/regulations	DIN VDE 0110

#### Certificates / Approvals

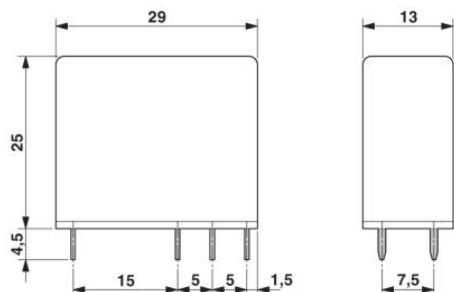


Certification

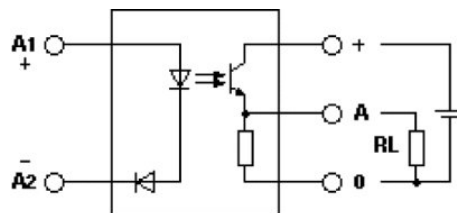
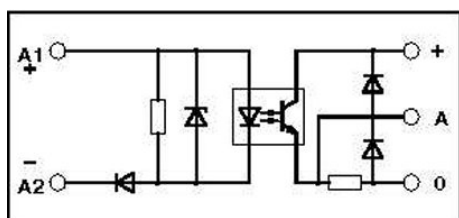
GOST

**Diagrams/Drawings**

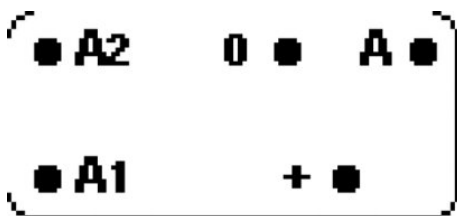
Dimensioned drawing



Circuit diagram



Schematic diagram



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