

ST-OE3- 5DC/ 24DC/500


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Order No.: 2911155



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Pluggable input optocoupler, with light indicator and protection circuits in the input and output circuits, input: 5 V DC, output: short-circuit resistant, 12-35 V DC/max. 500 mA, can be plugged on basic termination blocks

Commercial data	
GTIN (EAN)	 4 017918 079574
Note	Made-to-order
sales group	G100
Pack	10 pcs.
Customs tariff	85364190
Catalog page information	Page 93 (IF-2005)

Product notes

WEEE/RoHS-compliant since:
08/29/2006



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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	50 μ s
Typical turn-off time	200 μ s
Status display	Yellow LED
Type of protection	Protection against polarity reversal
Protective circuit/component	Polarity protection diode
	RC element
Transmission frequency	300 Hz

Output data

Output nominal voltage range	12 V DC ... 35 V DC
Limiting continuous current	500 mA
Current limitation at short-circuits	620 mA (continued short-circuit resistant)
Voltage drop at max. limiting continuous current	1.5 V
Output circuit	3-conductor, ground-referenced
Status display	LED red
Type of protection	Protection against polarity reversal
	Free running
Protective circuit/component	Polarity protection diode
	Damping diode
Output resistor	Approx. 50 k Ω

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

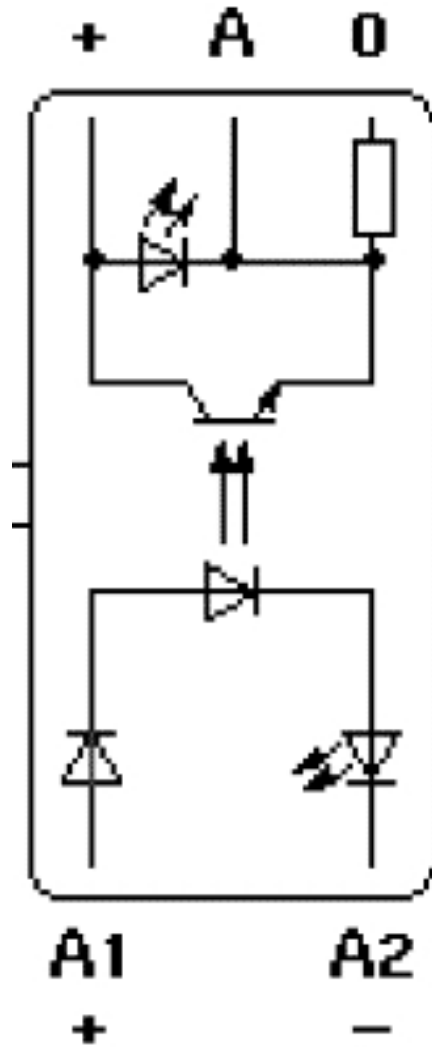
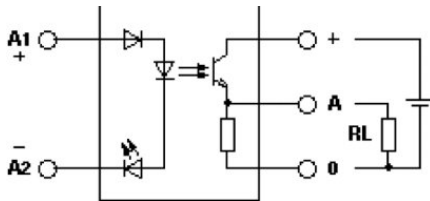


Certification

GOST

Diagrams/Drawings

Circuit diagram



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