

ST-OV3- 24DC/ 24DC/2

Order No.: 2905190

The illustration shows version ST-OV 3- 5 DC/24 DC/2

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2905190>

Pluggable power optocoupler, with light indicator and protection circuits in the input and output circuits, input: 24 V DC, output: short circuit resistant, 10-30 V DC/max. 2 A, can be plugged on basic termination blocks

Commercial data

GTIN (EAN)	4017918079338
sales group	G101
Pack	10 pcs.
Customs tariff	85364190
Weight/Piece	0.03023 KG
Catalog page information	Page 91 (IF-2005)

Product notes

WEEE/RoHS-compliant since:
09/15/2006



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Technical data

Input data

Nominal input voltage U_N	24 V DC $\pm 20\%$
Switching threshold "0" signal, voltage	≤ 6.9 V
Switching threshold "1" signal voltage	≥ 8.5 V
Typical input current at U_N	5 mA
Typical response time	17 μ s
Typical turn-off time	104 μ s
Status display	Yellow LED
Name of protection	Polarity protection
	Surge protection
Protective circuit/component	Polarity protection diode
Transmission frequency	1000 Hz

Output data

Output nominal voltage range	10 V DC ... 30 V DC
Limiting continuous current	2 A (maximum, 2.2 A short circuit resistant)
Peak offstate voltage	35 V DC (Collector-emitter reverse voltage)
Voltage drop at max. limiting continuous current	1.5 V
Output circuit	3-conductor, ground-referenced
Status display	LED red
Name of protection	Polarity protection
	Free running
Protective circuit/component	Polarity protection diode
	Damping diode

General data

Width	20.8 mm
Height	66.5 mm
Depth	33 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

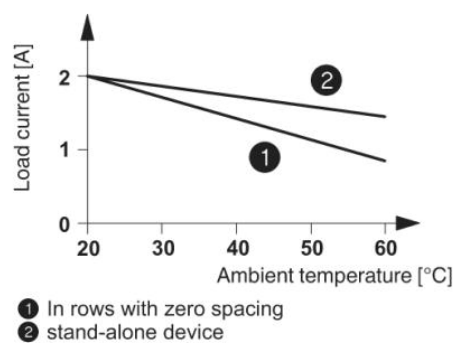


Certification

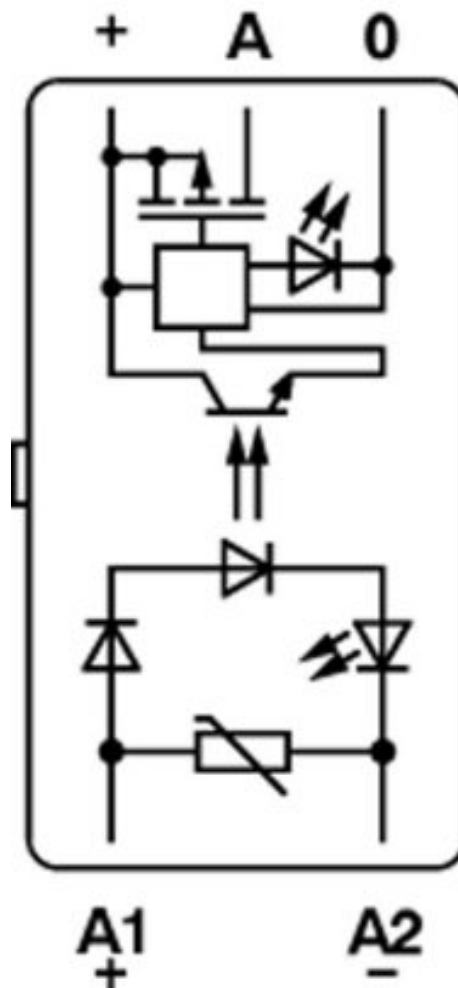
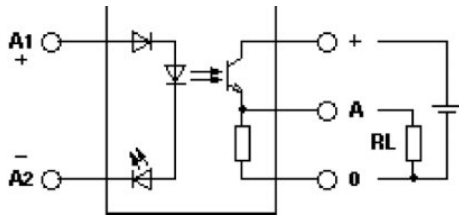
GOST

Diagrams/Drawings

Diagram



Circuit diagram



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