Extract from the online catalog

SIM-EI-OV- 24DC/ 24DC/3

Order No.: 2300096



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2300096

Power optocoupler, with protection circuits in 24 V DC input and output circuits. Direct current voltage output max. 3 A

Commercial data	
GTIN (EAN)	4 017918 887193
sales group	G150
Pack	10 pcs.
Customs tariff	85364190
Catalog page information	Page 299 (IF-2009)

Product notes

WEEE/RoHS-compliant since: 12/19/2006

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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.

Technical data

Input data

Nominal input voltage U_N	24 V DC ±20 %
Input voltage range in reference to U_N	0.8 ... 1.2
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	7 mA
Type of protection	Protection against polarity reversal
	Surge protection
Transmission frequency	300 Hz

Output data

Output nominal voltage	24 V DC
Output nominal voltage range	3 V DC ... 33 V DC
Limiting continuous current	3 A (see derating curve)
Maximum inrush current	15 A (10 ms)
Voltage drop at max. limiting continuous current	≤ 200 mV
Output circuit	2-wire, floating
Type of protection	Protection against polarity reversal
	Surge protection
Protective circuit/component	Polarity protection diode

General data

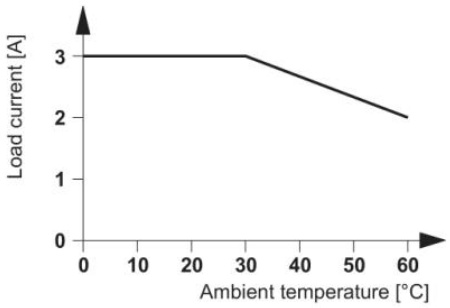
Width	13 mm
Height	29 mm
Depth	25 mm
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Mounting position	Any
Assembly instructions	Can be aligned with 2 mm spacing
Standards/regulations	DIN VDE 0110

Certificates / Approvals

Certification	GOST

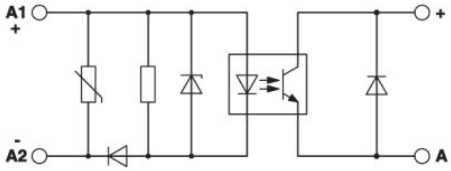
Diagrams/Drawings

Diagram



Derating curve for SIM-EI-OV-24 DC/24 DC/3

Circuit diagram



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