

Solid-state relay module - IEG-OV-S0/120DC/1 - 2964568

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Power solid-state relay, for S0 meter interfaces, output: 15 - 120 V DC



Key Commercial Data

Packing unit	10 pc
GTIN	 4 017918 139254
GTIN	4017918139254

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	27 mm
Height	79 mm
Depth	74 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 60 °C

Input data

Typical response time	1 ms
Typical turn-off time	1 ms
Status display	LED
Type of protection	Reverse polarity protection
	Surge protection
Protective circuit/component	Polarity protection diode

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Input data

Transmission frequency	10 Hz
Designation	S0 input
Input current "0" signal	< 2 mA
Input current "1" signal	10 mA ... 27 mA

Output data

Output voltage range	15 V DC ... 120 V DC
Limiting continuous current	1.5 A (maximum)
Voltage drop at max. limiting continuous current	1.4 V DC
Output circuit	2-wire, floating
Type of protection	Reverse polarity protection
	Surge protection

Connection data, input side

Connection name	Input side
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm ² ... 4 mm ²
Conductor cross section flexible	0.2 mm ² ... 4 mm ²
Conductor cross section AWG	24 ... 12

General

Mounting position	any
Overvoltage category	III (according to EN 50178)

Standards and Regulations

Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Noise emission	EN 61000-6-4
Noise immunity	EN 61000-6-2
Low Voltage Directive	Conformance with LV directive 2006/95/EC
Conformance	CE-compliant

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

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Approvals

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EAC

Ex Approvals

Approval details

EAC		RU C- DE.A*30.B.01082
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