

## Solid-state relays - ST-OE2- 24DC/ 48DC/100 - 2911692

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Plug-in input solid-state relay, with LED and protective circuit in input and output circuits, input: 24 V DC, output: 8 - 48 V DC/max. 100 mA, can be plugged into basic terminal blocks

The figure shows version ST-OV 2-5 DC/ 48 DC/100



### Key Commercial Data

Packing unit	10 pc
GTIN	 4 017918 079710
GTIN	4017918079710

### Technical data

#### Note

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

Width	14.6 mm
Height	33 mm
Depth	66.5 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

#### Input data

Nominal input voltage $U_N$	24 V DC
Input voltage range in reference to $U_N$	0.9 ... 1.1
Input voltage range	21.6 V DC ... 26.4 V DC
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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## Technical data

### Input data

Typical input current at $U_N$	9 mA
Typical response time	20 $\mu$ s
Typical turn-off time	100 $\mu$ s
Status display	Yellow LED
Type of protection	Reverse polarity protection
	Surge protection
Protective circuit/component	Polarity protection diode
	RC element
Transmission frequency	500 Hz

### Output data

Output voltage range	8 V DC ... 48 V DC
Limiting continuous current	100 mA
Voltage drop at max. limiting continuous current	0.9 V
Output circuit	2-wire, floating
Type of protection	Reverse polarity protection
	Surge protection
Protective circuit/component	Polarity protection diode

### General

Test voltage input/output	2.5 kV AC
Mounting position	any
Standards/regulations	DIN VDE 0110

### Standards and Regulations

Standards/regulations	DIN VDE 0110
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### 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

### Approvals

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#### Approvals

#### EAC

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#### Ex Approvals

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## Solid-state relays - ST-OE2- 24DC/ 48DC/100 - 2911692

### Approvals

#### Approval details

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