

Solid-state relays - ST-OE2-220DC/ 48DC/100 - 2911728

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid
(http://phoenixcontact.com/download)



Plug-in input solid-state relay, with LED and protective circuit in input and output circuits, input: 220 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 079741
GTIN	4017918079741

Technical data

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	220 V DC
Input voltage range in reference to U_N	0.9 ... 1.1
Input voltage range	198 V DC ... 242 V DC
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	4 mA
Typical response time	20 μ s
Typical turn-off time	100 μ s

Solid-state relays - ST-OE2-220DC/ 48DC/100 - 2911728

Technical data

Input data

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
-----------------------	--------------

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

Approvals

EAC

Ex Approvals

Approval details

Solid-state relays - ST-OE2-220DC/ 48DC/100 - 2911728

Approvals

EAC



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

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[2911728](#)