

Solid-state relays - ST-OV2- 5DC/ 24DC/5 - 2905475


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 power solid-state relay, with LED and protective circuit in input and output circuits, input: 5 V DC, output: 3 - 30 V DC/max. 5 A, can be plugged into basic terminal blocks

RoHS

Key Commercial Data

Packing unit	10 pc
GTIN	 4 017918 079420
GTIN	4017918079420

Technical data

Note

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

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	5 V DC
Input voltage range in reference to U_N	0.8 ... 1.2
Input voltage range	4 V DC ... 6 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	10 mA

Solid-state relays - ST-OV2- 5DC/ 24DC/5 - 2905475

Technical data

Input data

Typical response time	50 µs
Typical turn-off time	200 µs
Status display	Yellow LED
Type of protection	Reverse polarity protection
	Surge protection
Protective circuit/component	Polarity protection diode
Transmission frequency	300 Hz

Output data

Output voltage range	3 V DC ... 30 V DC
Limiting continuous current	5 A (see derating curve)
Peak offstate voltage	30 V DC (Collector-emitter reverse voltage)
Voltage drop at max. limiting continuous current	0.3 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	IEC 60664
	IEC 60664A
	DIN VDE 0110

Standards and Regulations

Standards/regulations	IEC 60664
	IEC 60664A
	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"

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>

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Transistor Output Optocouplers](#) category:

Click to view products by [Phoenix Contact](#) manufacturer:

Other Similar products are found below :

[LTV-814S-TA](#) [LTV-824HS](#) [66095-001](#) [6N136-X017T](#) [MCT6-X007](#) [MOC8101-X017T](#) [PS2561A-1-W-A](#) [PS2561B-1-L-A](#) [PS2561L-1-V-A](#)
[MRF658](#) [IL755-1X007](#) [ILD2-X006](#) [ILD74-X001](#) [ILQ615-2X017](#) [ILQ615-3X016](#) [LDA102S](#) [LDA110S](#) [SFH615AGR-X007T](#) [PS2561-1-V-](#)
[W-A](#) [PS2561AL-1-V-A](#) [PS2561L1-1-L-A](#) [PS2701A-1-F3-P-A](#) [PS2801-1-F3-P-A](#) [PS2911-1-L-AX](#) [CNY17-2X017](#) [CNY17-4X001](#) [CNY17-](#)
[4X017](#) [CNY17F-1X007](#) [CNY17F-2X017](#) [CNY17F-4X001](#) [CNY17G-1](#) [LTV-214](#) [LTV-702VB](#) [LTV-733S](#) [LTV-816S-TA](#) [LTV-825S](#)
[TCET1113](#) [TCET2100](#) [4N25-X007T](#) [IL215AT](#) [ILD615-1X007](#) [ILQ2-X007](#) [VOS615A-2T](#) [WPPC-A11066AA](#) [WPPC-A11066AD](#) [WPPC-](#)
[A11084ASS](#) [WPPC-A21068AA](#) [WPPC-D11066AA](#) [WPPC-D21068ED](#) [WPPC-D410616EA](#)