INDUSTRIAL COMPONENT DATA

ST-OV2- 24DC/ 24DC/5 2905491 PHOENIX CONTACT Solid-state relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST-OV2-24DC/ 24DC/5



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST-OV2-24DC/ 24DC/5
Catalog number	2905491
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-6C8C2049A5
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Product Overview

Solid-state relays
Pluggable solid-state power relay, with indicator light and protection circuit in input and output circuit, input: 24 V DC, output: 3-30 V DC/max. 5 A, pluggable to base terminal blocks

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Industrial Relays

Additional Product Information

Key Commercial Data
Orderkey 2905491
Packing unit 10 pc
Catalog page Page 91 (IF-2005)
GTIN 4017918079444
Weight per Piece (excluding packing) 34.390 g
Custom tariff number 85364190
Country of origin DE (Germany)
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 UN 24 V DC
Input voltage range in reference to UN 0.8 ... 1.2
Input voltage range 19.2 V DC ... 28.8 V DC
Switching threshold "0" signal in reference to UN <= 0.4
Switching threshold "1" signal in reference to UN >= 0.8
Typical input current at UN 7 mA
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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST-OV2-24DC/ 24DC/5 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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