

INDUSTRIAL COMPONENT DATA

ST-OV3- 24DC/ 24DC/2 2905190 PHOENIX CONTACT

Solid-state relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST-OV3-24DC/ 24DC/2



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST-OV3-24DC/ 24DC/2
Catalog number	2905190
Category	Optocoupler
Minimum order	1 Pcs
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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: short circuit resistance, 10-30 V DC/max. 2 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 2905190

Packing unit 10 pc

Catalog page Page 91 (IF-2005)

GTIN 4017918079338

Weight per Piece (excluding packing) 30.230 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 20.8 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, voltage ≤ 6.9 V

Switching threshold "1" signal voltage ≥ 8.5 V

Typical input current at UN 5 mA

Typical response time 17 μ s

Typical turn-off time 104 μ s

Status display Yellow LED

Type of protection Reverse polarity protection

Surge protection

Protective circuit/component Polarity protection diode

Transmission frequency 1000 Hz

Output data

Output voltage range 10 V DC ... 30 V DC

Limiting continuous current 2 A (see derating curve)

Peak offstate voltage 35 V DC (Collector-emitter reverse voltage)

Voltage drop at max. limiting continuous current 1.5 V

Output circuit 3-conductor, ground-referenced

Status display LED red

Type of protection Reverse polarity protection

Free running

Protective circuit/component Polarity protection diode

Damping diode

General

Test voltage input/output 2.5 kV AC

Mounting position any

Standards/regul...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST-OV3-24DC/ 24DC/2 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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