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**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | ST-OV3-24DC/ 24DC/2 |
| Catalog number | 2905190 |
| Category | Optocoupler |
| Minimum order | 1 Pcs |
| Document ID | EO-8C2258A803 |
| Generated | 2026-11-18 |

## 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

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|---|---|
| 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 µs
Typical turn-off time 104 µs
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**

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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