

INDUSTRIAL COMPONENT DATA

ST-OV3- 12DC/ 24DC/2 2905187 PHOENIX CONTACT

Solid-state relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST-OV3-12DC/ 24DC/2



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST-OV3-12DC/ 24DC/2
Catalog number	2905187
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-E617CE0618
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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: 12 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 2905187

Packing unit 10 pc

Note Made to Order (non-returnable)

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GTIN 4017918079321

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 12 V DC
Input voltage range in reference to UN 0.8 ... 1.2
Input voltage range 9.6 V DC ... 14.4 V DC
Switching threshold "0" signal, voltage ≤ 4.2 V
Switching threshold "1" signal voltage ≥ 4.8 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
Mo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST-OV3-12DC/ 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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