

INDUSTRIAL COMPONENT DATA

ST-OE3- 24DC/ 48DC/100 2911058 PHOENIX CONTACT

Solid-state relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST-OE3-24DC/ 48DC/100



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST-OE3-24DC/ 48DC/100
Catalog number	2911058
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-ECD2937D4C
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Product Overview

Solid-state relays

Pluggable solid-state input relay, with indicator light and protection circuit protection circuit in input and output circuit, input: 24 V DC, output: 8 - 48 V DC/max. 100 mA, 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 2911058

Packing unit 10 pc

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GTIN 4017918079482

Weight per Piece (excluding packing) 27.590 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 0.9 ... 1.1

Input voltage range 21.6 V DC ... 26.4 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 9 mA

Typical response time 50 μ s

Typical turn-off time 100 μ s

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 8 V DC ... 48 V DC

Limiting continuous current 100 mA

Voltage drop at max. limiting continuous current 1.2 V

Output circuit 2-conductor floating, 3-conductor ground-referenced

Type of protection Reverse polarity protection

Free running

Protective circuit/component Polarity protection diode

Damping diode

Output resistor approx. 22 k Ω (for 3-wire connection)

General

Test voltage input/output 2.5 kV AC

Mounting position any

Standards/regulations IEC 60664....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST-OE3-24DC/ 48DC/100 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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