INDUSTRIAL COMPONENT DATA

ST-OV3- 24DC/240AC/3 2903231 PHOENIX CONTACT Solid-state relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST-OV3-24DC/240AC/3



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST-OV3-24DC/240AC/3
Catalog number	2903231
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-891FD254EB
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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: 24-280 V AC/max. 3 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 2903231
Packing unit 10 pc
Catalog page Page 92 (IF-2005)
GTIN 4017918079017
Weight per Piece (excluding packing) 55.500 g
Custom tariff number 85364190
Country of origin DE (Germany)
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 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 switch-on time: Max. one half cycle - zero-voltage crossing
Typical turn-off time switch-off time Max. one half cycle - zero-current crossing
Operating voltage display Yellow LED
Type of protection Reverse polarity protection
Protective circuit/component Polarity protection diode
Transmission frequency 25 Hz
Output data
Output voltage range 24 V AC ... 280 V AC
Limiting continuous current 3 A (see derating curve)
Min. load current 50 mA
Leakage current 5 mA (in off state - components with low minimum load and leakage currents on request.)
Surge current 35 A (t = 10 ms)
Max. load value 6 A2s (I2x t at t = 8.3 ms)
Peak offstate voltage 600 V
Voltage drop at max. limiting continuous current 1.5 V
Output circuit 2-wire, floating
Protective circuit/component RC element
General
Test voltage input/o...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST-OV3-24DC/240AC/3 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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