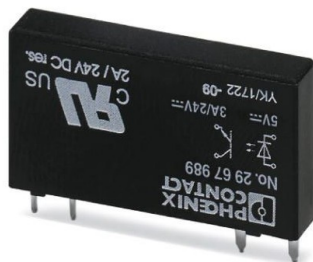


INDUSTRIAL COMPONENT DATA

OPT- 5DC/ 24DC/ 2 2967989 PHOENIX CONTACT Miniature solid-state relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: OPT-5DC/ 24DC/ 2



Manufacturer	PHOENIX CONTACT
MPN / Reference	OPT-5DC/ 24DC/ 2
Catalog number	2967989
Category	Optocoupler
Minimum order	10 Pcs
Document ID	EO-BC68E2CC76
Generated	2026-08-02

Product Overview

Miniature solid-state relay

Miniature plug-in solid-state relay, solid-state power relay, 1 closing contact, input voltage: 5 V DC

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
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Additional Product Information

Key Commercial Data

Orderkey 2967989

Packing unit 10 pc

Minimum order quantity 10 pc

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GTIN 4017918820763

Weight per Piece (excluding packing) 3.500 g

Custom tariff number 85364190

Country of origin HU (Hungary)

Dimensions

Width 5 mm

Height 28 mm

Depth 15 mm

Ambient conditions

Ambient temperature (operation) -25 °C ... 60 °C

Ambient temperature (storage/transport) -25 °C ... 70 °C

Input data

Nominal input voltage UN 5 V DC

Input voltage range in reference to UN 0.8 ... 1.2

Input voltage range 4 V DC ... 6 V DC

Switching threshold "0" signal, voltage ≤ 0.8 V

Switching threshold "1" signal voltage ≥ 2.5 V

Typical input current at UN 9 mA

Typical response time 20 μ s (at UN)

Typical turn-off time 300 μ s (at UN)

Transmission frequency 300 Hz

Power dissipation for nominal condition 0.05 W

Output data

Output voltage range 3 V DC ... 33 V DC

Limiting continuous current 3 A (see derating curve)

Maximum inrush current 15 A (10 ms)

Voltage drop at max. limiting continuous current ≤ 150 mV

Output circuit 2-wire, floating

Type of protection Reverse polarity protection

Surge protection

General

Test voltage input/output 2.5 kV (50 Hz, 1 min.)

Mounting position any

Assembly instructions In rows with zero spacing

Operating mode 100% operating factor

Degree of protection RT III (wash-proof)

Designation Standards/regulations

Standards/regulations IEC 60664

EN 50178

Degree of pollution 2

Overvoltage category III

Standards and Regulations

Connection in acc. with st...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / OPT-5DC/ 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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