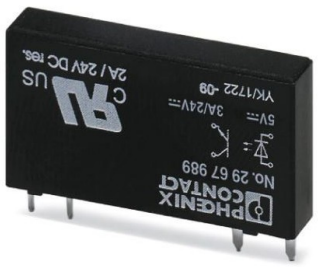
INDUSTRIAL COMPONENT DATA

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-55DD9BB004
Generated	2026-11-18

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

Additional Product Information

Key Commercial Data
Orderkey 2967989
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 394 (C-5-2017)
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 µs (at UN)
Typical turn-off time 300 µs (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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