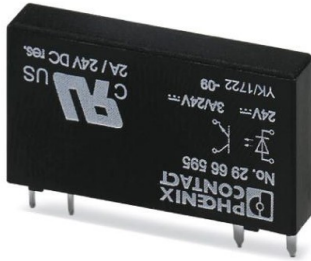


INDUSTRIAL COMPONENT DATA

OPT-24DC/ 24DC/ 2 2966595 PHOENIX CONTACT Miniature solid-state relay

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	OPT-24DC/ 24DC/ 2
Catalog number	2966595
Category	Optocoupler
Minimum order	10 Pcs
Document ID	EO-14480037FF
Generated	2026-07-31

Product Overview

Miniature solid-state relay

Plug-in miniature solid-state relay, power solid-state relay, 1 closing contact, input: 24 V DC, output: 3 ... 33 V DC/3 A

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 2966595

Packing unit 10 pc

Minimum order quantity 10 pc

Catalog page Page 300 (C-5-2017)

GTIN 4017918130947

Weight per Piece (excluding packing) 5.200 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 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, voltage ≤ 10 V

Switching threshold "1" signal voltage ≥ 16 V

Typical input current at UN 7 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 0.17 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. wi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / OPT-24DC/ 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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