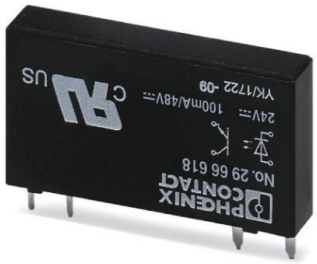
INDUSTRIAL COMPONENT DATA

OPT-24DC/ 48DC/100 2966618 PHOENIX CONTACT Miniature solid-state relay

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	OPT-24DC/ 48DC/100
Catalog number	2966618
Category	Optocoupler
Minimum order	10 Pcs
Document ID	EO-9B79BEB8A6
Generated	2026-11-18

Product Overview

Miniature solid-state relay
Plug-in miniature solid-state relay, input solid-state relay, 1 closing contact, input: 24 V DC, output: 3-48 V DC/100 mA

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 2966618
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 301 (C-5-2017)
GTIN 4017918130466
Weight per Piece (excluding packing) 4.830 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 µs (at UN)
Typical turn-off time 300 µs (at UN)
Transmission frequency 300 Hz
Power dissipation for nominal condition 0.17 W
Output data
Output voltage range 3 V DC ... 48 V DC
Limiting continuous current 100 mA
Voltage drop at max. limiting continuous current <= 1 V
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 standard CUL
Designation Standards/regulations
Standar...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / OPT-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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