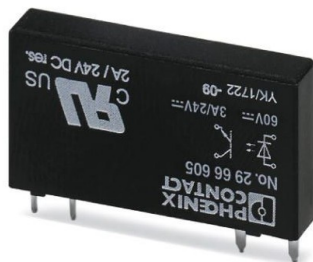


## INDUSTRIAL COMPONENT DATA

# OPT-60DC/ 24DC/ 2 2966605 PHOENIX CONTACT Miniature solid-state relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: OPT-60DC/ 24DC/ 2



|                 |                   |
|-----------------|-------------------|
| Manufacturer    | PHOENIX CONTACT   |
| MPN / Reference | OPT-60DC/ 24DC/ 2 |
| Catalog number  | 2966605           |
| Category        | Optocoupler       |
| Minimum order   | 10 Pcs            |
| Document ID     | EO-DCB11BF3E6     |
| Generated       | 2026-07-29        |

## Product Overview

Miniature solid-state relay

Plug-in miniature solid-state relay, power solid-state relay, 1 closing contact, input: 60 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 2966605

Packing unit 10 pc

Minimum order quantity 10 pc

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GTIN 4017918130923

Weight per Piece (excluding packing) 5.420 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 60 V DC

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

Input voltage range 48 V DC ... 72 V DC

Switching threshold "0" signal, voltage  $\leq 20$  V

Switching threshold "1" signal voltage  $\geq 35$  V

Typical input current at UN 3 mA

Typical response time 40  $\mu$ s (at UN)

Typical turn-off time 500  $\mu$ s (at UN)

Transmission frequency 300 Hz

Power dissipation for nominal condition 0.18 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  $\leq 150$  mV

Output circuit 2-wire, floating

Type of protection Reverse polarity protection

Surge protection

Protective circuit/component Polarity protection diode

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....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / OPT-60DC/ 24DC/ 2 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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