INDUSTRIAL COMPONENT DATA

# PLC-OSC- 24DC/ 5DC/100KHZ-G 2902966 PHOENIX CONTACT Solid-state relay module

**Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-24DC/ 5DC/100KHZ-G**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | PLC-OSC-24DC/ 5DC/100KHZ-G |
| Catalog number | 2902966 |
| Category | Optocoupler |
| Minimum order | 1 Pcs |
| Document ID | EO-D2541A65CD |
| Generated | 2026-11-18 |

## Product Overview

Solid-state relay module
Eingabe-Solid-State-Relais, mit Gleichspannungsausgang-Gegentakt, Übertragungsfrequenz: 100 kHz, mit Leuchtanzeige und Schutzbeschaltung im Ein- und Ausgangskreis, Eingang: 24 V DC, Ausgang: 4 - 18 V DC/50 mA

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Relays |

## Additional Product Information

Key Commercial Data
Orderkey 2902966
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 411 (C-5-2017)
GTIN 4046356702041
Weight per Piece (excluding packing) 36.530 g
Custom tariff number 85364900
Country of origin DE (Germany)
Note
Utilization restriction EMC: class A product, see manufacturer's declaration in the download area
Dimensions
Width 6.2 mm

Height 80 mm
Depth 86 mm
Ambient conditions
Ambient temperature (operation) -20 °C ... 60 °C
Ambient temperature (storage/transport) -25 °C ... 75 °C
Degree of protection IP20
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 in reference to UN < 0.4
Switching threshold "1" signal in reference to UN > 0.8
Typical input current at UN 8 mA
Typical response time 1 µs
Typical turn-off time 2 µs
Operating voltage display Yellow LED
Type of protection Reverse polarity protection
Surge protection
Surge voltage protection > 33 V
Transmission frequency 100 kHz
Power dissipation for nominal condition 0.19 W
Output data
Designation Output data
Output voltage range 4 V DC ... 18 V DC
Limiting continuous current 50 mA
Quiescent current 8.5 mA
Surge voltage protection > 35 V
Voltage drop at max. limiting continuous current < 1.2 V
Output circuit 3-conductor push-pull, ground referenced
Type of protection Reverse polarity protection
Surge protection
Connection data 1
Connection name Input side
Connecti...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-24DC/ 5DC/100KHZ-G with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.



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