

INDUSTRIAL COMPONENT DATA

PLC-OPT-24DC/V8C/SEN 2908172 PHOENIX CONTACT

Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OPT-24DC/V8C/SEN



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OPT-24DC/V8C/SEN
Catalog number	2908172
Category	Optocoupler
Minimum order	10 Pcs
Document ID	EO-DD9B161172
Generated	2026-07-31

Product Overview

Solid-state relay module

PLC-INTERFACE for input functions in PLC logic, with push-in connection and plug-in miniature solid-state relay, for rail mounting, 1 normally open contact, input: 24 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 2908172

Packing unit 10 pc

Minimum order quantity 10 pc

GTIN 4055626287331

Weight per Piece (excluding packing) 31.170 g

Custom tariff number 85364190

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 94 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 in reference to UN ≤ 0.4

Switching threshold "1" signal in reference to UN ≥ 0.8

Typical input current at UN 8.5 mA

Typical response time 20 μ s (at UN)

Typical turn-off time 300 μ s (at UN)

Operating voltage display Yellow LED

Type of protection Reverse polarity protection

Surge protection

Surge voltage protection > 33 V

Transmission frequency 300 Hz

Power dissipation for nominal condition 0.2 W

Output data

Output voltage range 5 V DC ... 30 V DC

Limiting continuous current 3 mA

Surge voltage protection > 56 V

Voltage drop at max. limiting continuous current ≤ 1 V

Output circuit 2-wire, floating

Type of protection Reverse polarity protection

Surge protection

Protective circuit/component Polarity protection diode

Connection data, input side

Connection name Input side

Connection method Push-in connection

Stripping length 8 mm

Conduc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OPT-24DC/V8C/SEN 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.