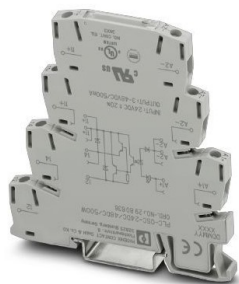


INDUSTRIAL COMPONENT DATA

PLC-OSC- 24DC/ 48DC/500/W 2980636 PHOENIX CONTACT

Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-24DC/ 48DC/500/W



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OSC-24DC/ 48DC/500/W
Catalog number	2980636
Category	Optocoupler
Minimum order	10 Pcs
Document ID	EO-AF2A91901B
Generated	2026-08-03

Product Overview

Solid-state relay module

PLC-INTERFACE with electronic switch, consisting of PLC-BSC.../21 base terminal block with screw connection and integrated miniature solid-state relay, for installation on DIN rail NS 35/7.5, 1 switch, input: 24 V DC, output: 3 V DC ... 48 V DC/500 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 2980636

Packing unit 10 pc

Catalog page Page 407 (C-5-2017)

GTIN 4046356051378

Weight per Piece (excluding packing) 33.470 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 86 mm
Ambient conditions
Ambient temperature (operation) -25 °C ... 60 °C
Ambient temperature (storage/transport) -40 °C ... 85 °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 3 mA
Typical response time 0.03 ms
Typical turn-off time 0.15 ms
Operating voltage display Yellow LED
Type of protection Reverse polarity protection
Surge protection
Protective circuit/component Polarity protection diode
Transmission frequency 1000 Hz
Power dissipation for nominal condition 0.07 W
Output data
Output voltage range 3 V DC ... 48 V DC
Limiting continuous current 500 mA (see derating curve)
Min. load current 1 mA
Voltage drop at max. limiting continuous current < 1.2 V
Output circuit 2-wire, floating
Type of protection Reverse polarity protection
Surge protection
Protective circuit/component Polarity protection diode
Connection data 1
Connection name Input side
Connection method Screw connection
Stripping....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-24DC/ 48DC/500/W 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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