

INDUSTRIAL COMPONENT DATA

PLC-OSC-125DC/300DC/ 1 2982210 PHOENIX CONTACT

Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-125DC/300DC/ 1



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OSC-125DC/300DC/ 1
Catalog number	2982210
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-DCDE55A01D
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Product Overview

Solid-state relay module

PLC INTERFACE, integrated solid-state relay, screw connection, for symmetrical rail mounting NS 35/7.5, input: 125 V DC, output: 12-300 V DC/1 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
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Additional Product Information

Key Commercial Data

Orderkey 2982210

Packing unit 10 pc

GTIN 4046356082631

Weight per Piece (excluding packing) 34.630 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) -25 °C ... 60 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Input data

Nominal input voltage UN 125 V DC

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

Input voltage range 100 V DC ... 150 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 6 mA

Typical response time 0.4 ms

Typical turn-off time 0.7 ms

Operating voltage display Yellow LED

Type of protection Reverse polarity protection

Surge protection

Protective circuit/component Polarity protection diode

Varistor

Transmission frequency 50 Hz

Power dissipation for nominal condition 0.75 W

Output data

Designation Output data

Output voltage range 12 V DC ... 300 V DC (Partition plate PLC-ATP must be installed for voltages larger than 250 V (L1, L2, L3) between identical terminal points in adjacent modules. Potential bridging is then carried out with FBST 8-PLC... or ...FBST 500...)

Limiting continuous current 1 A (see derating curve)

Voltage drop at max. limiting continuous current < 500 mV

Type of protection Reverse polarity protection

Sur...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-125DC/300DC/ 1 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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