

INDUSTRIAL COMPONENT DATA

PLC-OSC- 24DC/TTL 2982728 PHOENIX CONTACT Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-24DC/TTL



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OSC-24DC/TTL
Catalog number	2982728
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-423D6F96D4
Generated	2026-07-29

Product Overview

Solid-state relay module

PLC solid-state relay with screw connection, for NS 35/7.5 rail mounting, input: 24 V DC, output: TTL (5 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 2982728

Packing unit 10 pc

Catalog page Page 414 (C-5-2017)

GTIN 4046356170604

Weight per Piece (excluding packing) 30.000 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

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

Rated actuating voltage UC 24 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 3.4 mA

Typical response time 35 µs

Typical turn-off time 35 µs

Operating voltage display Yellow LED

Type of protection Reverse polarity protection

Surge protection

Protective circuit/component Parallel polarity protection diode

Surge voltage protection > 33 V

Transmission frequency 1 kHz

Power dissipation for nominal condition 0.08 W

Output data

Designation Output data

Output nominal voltage 5 V DC

Output voltage range 4.5 V AC ... 6 V AC

Limiting continuous current A TTL load (Fan out = 1)/50 mA for switching mode

Fan out 1

Surge voltage protection > 8 V

Voltage drop at max. limiting continuous current < 80 mV

Output circuit 3-conductor, ground-referenced

Ty...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-24DC/TTL 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 PI #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.