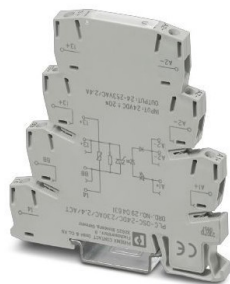


INDUSTRIAL COMPONENT DATA

PLC-OSC- 24DC/230AC/2.4/ACT 2904631 PHOENIX CONTACT

Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-24DC/230AC/2.4/ACT



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OSC-24DC/230AC/2.4/ACT
Catalog number	2904631
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-FA770424D9
Generated	2026-08-02

Product Overview

Solid-state relay module

PLC-INTERFACE for output functions, consisting of PLC-BSC.../ACT base terminal block with screw connection and integrated miniature solid-state relay, for installation on NS 35/7.5 rail, 1 closing contact, input: 24 V DC, output: 24-253 V AC/2.4 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
--------------	-------------------------------------

Additional Product Information

Key Commercial Data

Orderkey 2904631

Packing unit 10 pc

Catalog page Page 408 (C-5-2017)

GTIN 4046356867771

Weight per Piece (excluding packing) 31.060 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

Input voltage range 19.2 V DC ... 28.8 V DC

Rated actuating voltage UC 24 V DC

"0" signal switching threshold in reference to UC < 0.4

"1" signal switching threshold in reference to UC > 0.8

Typical response time 10 ms (at UC)

Typical turn-off time 10 ms (at UC)

Status display Yellow LED

Type of protection Reverse polarity protection

Surge protection

Surge voltage protection > 33 V

Transmission frequency 10 Hz

Power dissipation for nominal condition 0.19 W

Output data

Designation Output data

Output voltage range 24 V AC ... 253 V AC

Limiting continuous current 2.4 A (see to derating)

Maximum inrush current 250 A (20 ms)

Min. load current 10 mA

Leakage current < 3 mA

Max. load value 340 A2s (tp = 10 ms, at 25 °C)

Surge voltage protection > 275 V

Voltage drop at max. limiting continuous current < 1 V

Output circuit 2-wire, zero voltage switch

Type of protection RCV circuit

Connection data 1

Connection name Input side

Connection method Screw connection

Stripp...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-24DC/230AC/2.4/ACT 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.