

INDUSTRIAL COMPONENT DATA

PLC-OPT- 24DC/230AC/2.4/ACT 2904632 PHOENIX CONTACT

Solid-state relay module

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OPT-24DC/230AC/2.4/ACT
Catalog number	2904632
Category	Optocoupler
Minimum order	1 Pcs
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Product Overview

Solid-state relay module

PLC-INTERFACE for output functions, PLC-BPT.../ACT base terminal composite with push-in connection and integrated miniature solid state relay, for NS 35/7.5 rail mounting, 1 closing contact, input: 24 V DC, output: 24-253 V AC/2.4 A

PLC-INTERFACE for output functions, consisting of PLC-BPT.../ACT basic terminal block with push-in connection and integrated miniature solid-state relay, for mounting on DIN rail NS 35/7,5, 1 N/O 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
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Additional Product Information

Technical dataProduct propertiesProduct type Solid-state relay module

Product family PLC-INTERFACE

Application Output function

Operating mode 100% operating factor

Insulation characteristics

Insulation Basic insulation

Insulation characteristics: Air clearances and creepage distances between the power circuits

Insulation Basic insulation

Overvoltage category III

Pollution degree 2

Electrical properties Maximum power dissipation for nominal condition 0.19 W

Test voltage (Input/output) 2.5 kV (50 Hz, 1 min., input/output)

Air clearances and creepage distances between the power circuits

Rated insulation voltage 260 V AC

Rated surge voltage 4 kV

Input data Rated actuating voltage UC 24 V DC

Voltage range with reference to UC 0.8 ... 1.2

Rated actuating current IC 8 mA

Input voltage range 19.2 V DC ... 28.8 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

Protective circuit Reverse polarity protection

Surge protection

Surge voltage protection > 33 V

Transmission frequency 10 Hz

Output data Designation Output data

Contact switching type 1 N/O contact

Design of digital output electronic

Contact connection type Power contact

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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OPT-24DC/230AC/2.4/ACT with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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