

INDUSTRIAL COMPONENT DATA

PLC-OSC-LPE-24DC/48DC/100 2903171 PHOENIX CONTACT

Single-channel pulse expansion module, input: 24 V DC, out..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-LPE-24DC/48DC/100



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OSC-LPE-24DC/48DC/100
Catalog number	2903171
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-1AD3AF5FD9
Generated	2026-08-02

Product Overview

Single-channel pulse expansion module, input: 24 V DC, output: 3 - 48 V DC/100 mA, supply: 24 V DC, screw connection

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

Product description

DIP switch settings:

Function

DIP A low - no restart when triggered again (default)

DIP A high - restart when triggered again

DIP B low - input pulse time > 2 ms (default)

DIP B high - input pulse time > 100 us

Pulse expansion times

DIP 1 - 10 ms

DIP 2 - 20 ms

DIP 3 - 40 ms

DIP 4 - 80 ms

DIP 5 - 160 ms

DIP 6 - 320 ms

DIP 7 - 640 ms

DIP 8 - 1280 ms

No DIP switch set: no switching function for the output

If the input signal is longer than the selected time, the output is switched off after removal of the input signal.

The settings are applied after a voltage reset of the rated control supply voltage.

Dimensions

Width 6.2 mm

Height 80 mm

Depth 86 mm

Ambient conditions

Ambient temperature (operation) -25 °C ... 60 °C

Ambient temperature (storage/transport) -25 °C ... 75 °C

Degree of protection IP20

Input data

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

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

Status display Yellow LED

Operating voltage display Green LED

Type of protection Protection against polarity reversal

Surge protection

Surge voltage protection > 33 V DC

Output data

Output voltage range 3 V DC ... 48 V DC

Limiting continuous current 100 mA

Surge voltage protection > 54 V DC

Voltage drop at max. limiting continuous current < 1 V DC

Output circuit 3-conductor, ground-referenced

Type of protection Protection against polarity reversal

Surge protection

Free running

Connection data, input side

Connection name Input side

Connection me...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-LPE-24DC/48DC/100 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.