

PLC-ASC-UI-OUT - Analog module



2906920

<https://www.phoenixcontact.com/us/products/2906920>

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Analog output module for PLC logic modules (Generation 2 only), single-channel, signal type (4 mA ... 20 mA, 0 mA ... 20 mA, 0 V ... 10 V, 2 V ... 10 V) can be configured via DIP switch, screw connection

Commercial data

Item number	2906920
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C424
Product key	CK2622
Catalog page	Page 431 (C-5-2017)
GTIN	4055626155517
Weight per piece (including packing)	79.6 g
Weight per piece (excluding packing)	50.3 g
Customs tariff number	85389099
Country of origin	DE

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Technical data

Notes

General	For proper use, the specifications of the installation directive (see Downloads) must be observed.
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Product properties

Product type	Extension module
Product family	PLC logic
Operating mode	100% operating factor

Insulation characteristics

Insulation	Basic insulation
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Insulation characteristics: Air clearances and creepage distances

Insulation	Basic insulation
Overvoltage category	III
Pollution degree	2

Electrical properties

Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.5 kV

Supply

Rated control circuit supply voltage U_S	24 V DC
Rated control supply voltage range with reference to U_S	0.8 ... 1.1
Rated control supply current I_S	≤ 28 mA
Protective circuit	Reverse polarity protection
	Surge protection

Input data

Digital input

Rated actuating voltage U_C	24 V DC
Rated actuating current I_C	≤ 1 mA

Output data

Analog

Output name	Analog voltage output
Number of outputs	1
Voltage output signal	0 V ... 10 V
	2 V ... 10 V
Maximum output voltage	12.3 V
Ripple	< 20 mV _{PP}

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Load/output load voltage output	10 kΩ
Surge voltage protection	> 33 V
Maximum transmission error	1 %
Resolution	10 bit (scaled to 0 to 1000)
Protective circuit	Surge protection

Analog

Output name	Analog output for current
Number of outputs	1
Current output signal	0 mA ... 20 mA 4 mA ... 20 mA
Maximum output current	24.6 mA
Load/output load current output	500 Ω (20 mA)
Surge voltage protection	> 33 V
Maximum transmission error	1 %
Resolution	10 bit
Protective circuit	Surge protection

Connection data

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section rigid	0.14 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.14 mm ² ... 2.5 mm ² 0.2 mm ² ... 2.5 mm ² (Single ferrule) 2x 0.5 mm ² ... 1.5 mm ² (TWIN ferrule)
Conductor cross section AWG	26 ... 14
Tightening torque	0.45 Nm ... 0.55 Nm ()

Signaling

Operating voltage display	Green LED
Error indication	Red LED

Dimensions

Width	6.2 mm
Height	80 mm
Depth	86 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

Approvals

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CE

Certificate	CE-compliant
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UL, USA/Canada

Identification	UL 508 Listed
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Standards and regulations

Air clearances and creepage distances

Standards/regulations	DIN EN 50178
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Mounting

Mounting type	DIN rail mounting
Assembly instructions	in rows with zero spacing
Mounting position	any

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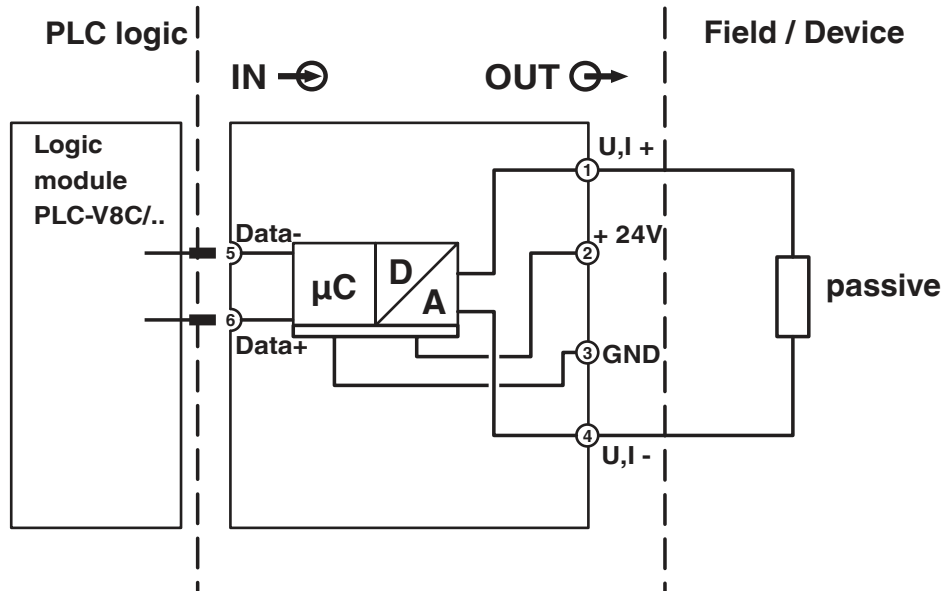
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Drawings

Block diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2906920>



EAC

Approval ID: RU*DE.*08.B.01517/19



UL Listed

Approval ID: FILE E 238705



cUL Listed

Approval ID: FILE E 238705

cULus Listed

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Classifications

ECLASS

ECLASS-11.0	27242201
ECLASS-13.0	27242201
ECLASS-12.0	27242201

ETIM

ETIM 8.0	EC001420
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UNSPSC

UNSPSC 21.0	32151600
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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