NLC-IO-2RTD/UTH-4QTP-01A - I/O extension module

2701671

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I/O extension module for use with Nanoline base unit. Equipped with 2 temperature inputs and 4 PNP transistor outputs.

Commercial data

Item number	2701671
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DRACAC
Product key	DRACAC
GTIN	4046356774703
Weight per piece (including packing)	185.1 g
Weight per piece (excluding packing)	185.1 g
Customs tariff number	85389099
Country of origin	IN

Technical data

Product properties

Product type	Extension module
Mounting position	Attaches to DB-9 connector on right-side of base unit

Electrical properties

Supply: Module electronics

Supply voltage	24 V

Input data

Analog:

Description of the input	Inputs for thermocouples or linear voltage
Number of inputs	2
Connection method	Individual wires
Connection technology	2 or 3-wire (shielded)
Sensor types (RTD) that can be used	Pt 100, Pt 1000
Sensor types that can be used (TC)	B, E, J, K, N, R, S, T
Protective circuit	Thermal fuse

Output data

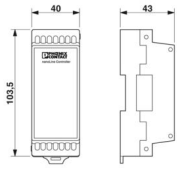
Digital:

Output description	PNP outputs
Connection method	Screw connection
Number of outputs	4
Protective circuit	Thermal fuse
Maximum output current per channel	0.5 A
Maximum output current per module / terminal block	2 A
Nominal output voltage	24 V DC
Nominal load, inductive	7.2 VA (1.2 H, 80 Ω)
Nominal load, lamp	7.2 W
Nominal load, ohmic	7.2 W (80 Ω)
Maximum operating frequency with ohmic nominal load	100 Hz

Connection data

Connection method	Screw connection
Conductor cross-section, rigid	0.2 mm² ... 2.5 mm²
Conductor cross-section, flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section AWG	12 ... 24

Dimensions

Dimensional drawing	
Width	40 mm
Height	103.5 mm
Depth	43 mm

Material specifications

Color	white

Environmental and real-life conditions

Ambient conditions

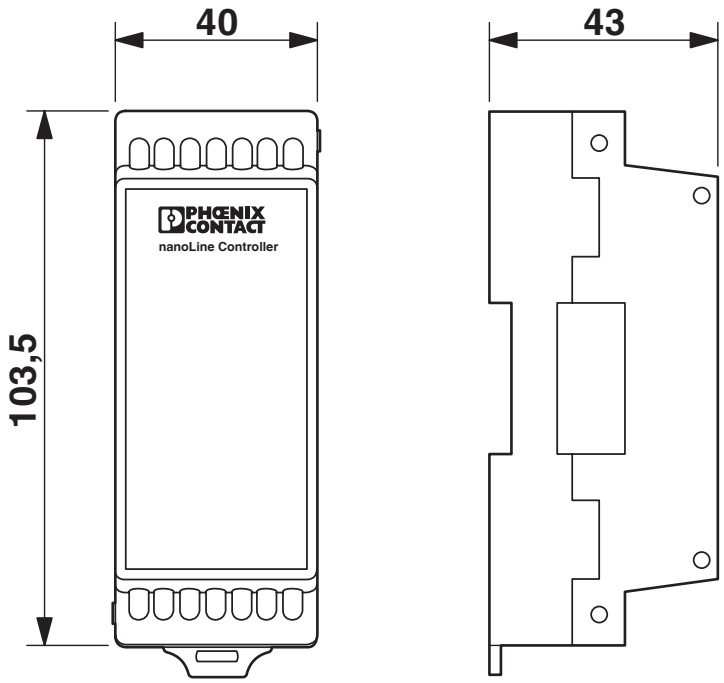
Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 60 °C
Degree of protection	IP20
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	0 % ... 90 % (at 25 °C)

Mounting

Mounting type	DIN rail mounting
Mounting position	Attaches to DB-9 connector on right-side of base unit

Drawings

Dimensional drawing



Classifications

ECLASS

ECLASS-13.0	27242216

ETIM

ETIM 9.0	EC001417

UNSPSC

UNSPSC 21.0	39122300

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	9cefdce0-53b9-4352-9d0f-bdc1745b3feb

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