

IB IL TEMPCON 300 UTH-B-PAC - Inline function terminal



2819613

<https://www.phoenixcontact.com/us/products/2819613>

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Inline temperature controller, compact, complete with accessories (connector and labeling field) with 4 channels, 4 thermocouple inputs, 8 binary outputs (24 V, 70 mA), 1 input for recording the total current of heating elements, limited to 4 channels.

Your advantages

- The Inline multi-channel temperature controller is a freely parameterizable slave for the Inline installation system.
- Limited to 4 closed-loop control circuits
- Transmission speed 500 kbps

Commercial data

Item number	2819613
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DRI191
GTIN	4017918974381
Weight per piece (including packing)	310 g
Weight per piece (excluding packing)	310 g
Customs tariff number	85389091
Country of origin	DE

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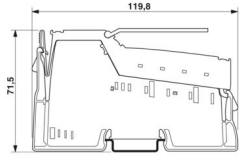


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Technical data

Dimensions

Dimensional drawing	
Width	48.8 mm
Height	119.8 mm
Depth	71.5 mm

Interfaces

Inline local bus

Connection method	Inline data jumper
Transmission speed	500 kbps

Configuration interface

Connection method	V.24
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System properties

Programming data (LocalbusSlave)

Length code (hex)	06
ID code (dec.)	221
Length code (dec)	06
Process data channel	32 bit
Input address area	4 Byte
Output address area	4 Byte
Parameter channel (PCP)	64 bit
Register length (bus)	96 bit

Fieldbus data telegram

Required parameter data	1 Byte
Required configuration data	5 Byte

Output data

Output voltage	24 V DC
Output current	70 mA (short-circuit-proof)

Product properties

Product type	I/O component
Product family	Inline

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Type	modular
No. of channels	4
Number of plugs	4

Electrical properties

Test section	7.5 V supply (bus logics)/24 V supply (I/O) 500 V AC 50 Hz 1 min 24 V supply (I/O) / functional ground 500 V AC 50 Hz 1 min
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Supply

Supply voltage	24 V DC
Max. current consumption	600 mA
Typical current consumption	90 mA

Connection data

Connection technology

Connection name	Inline connector
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Inline connector

Connection method	Spring-cage connection
Conductor cross-section, rigid	0.08 mm ² ... 1.5 mm ²
Conductor cross-section, flexible	0.08 mm ² ... 1.5 mm ²
Conductor cross-section AWG	28 ... 16

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	75% average, 85% seldom
Permissible humidity (storage/transport)	75% average, 85% seldom

Mounting

Mounting type	DIN rail mounting
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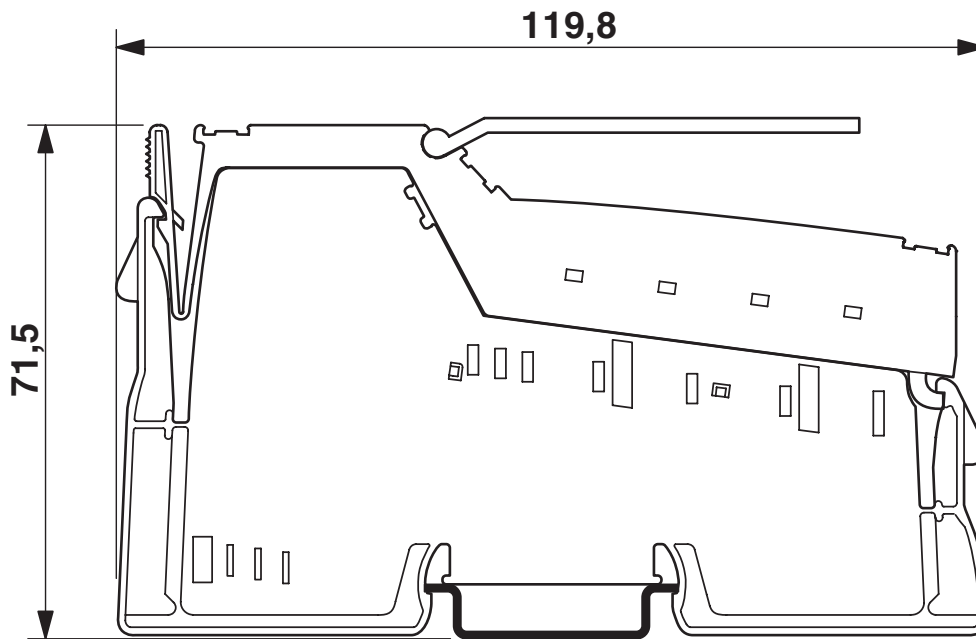
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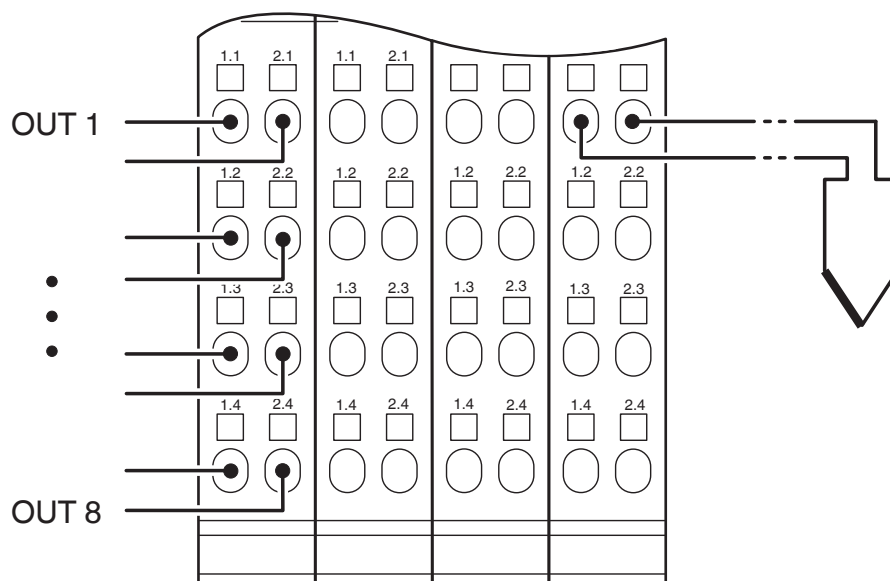
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Drawings

Dimensional drawing



Connection diagram



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Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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