

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

Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	310.000 g
Custom tariff number	85389091
Country of origin	Germany

Technical data

Dimensions

Width	48.8 mm
Height	119.8 mm
Depth	71.5 mm

Ambient conditions

Degree of protection	IP20
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Interfaces

Interface	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kbps

Power supply

Typical current consumption	90 mA
Max. current consumption	600 mA

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Technical data

Electrical isolation

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 earth ground 500 V AC 50 Hz 1 min.

Inputs

Number of inputs	4
Connection technology	2-wire (floating)
Measured value representation	Depends on thermocouple
Measured value resolution	0.1 K
A/D conversion time	125 ms
Sensor types that can be used (TC)	L, J, K, N, S, R, T, C, D, E, B

General

Weight	122 g
Number of plugs	4
Mounting type	DIN rail
Designation	Inline connector
Connection method	Spring-cage connection
Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.08 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section AWG min.	28
Conductor cross section AWG max.	16
Connection technology	2-wire (floating)

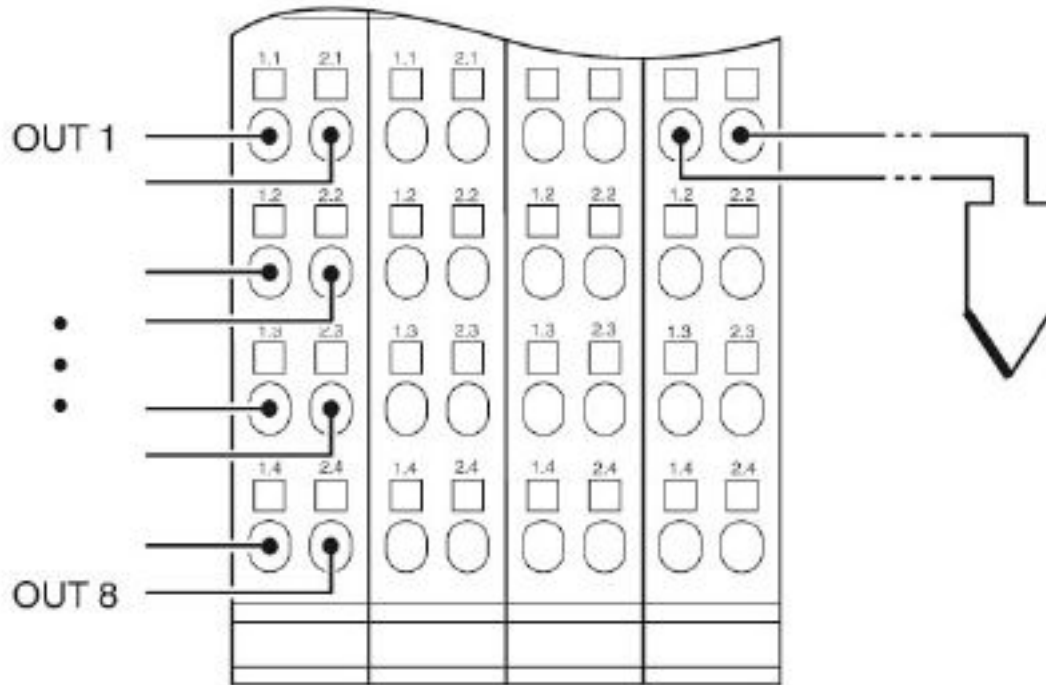
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

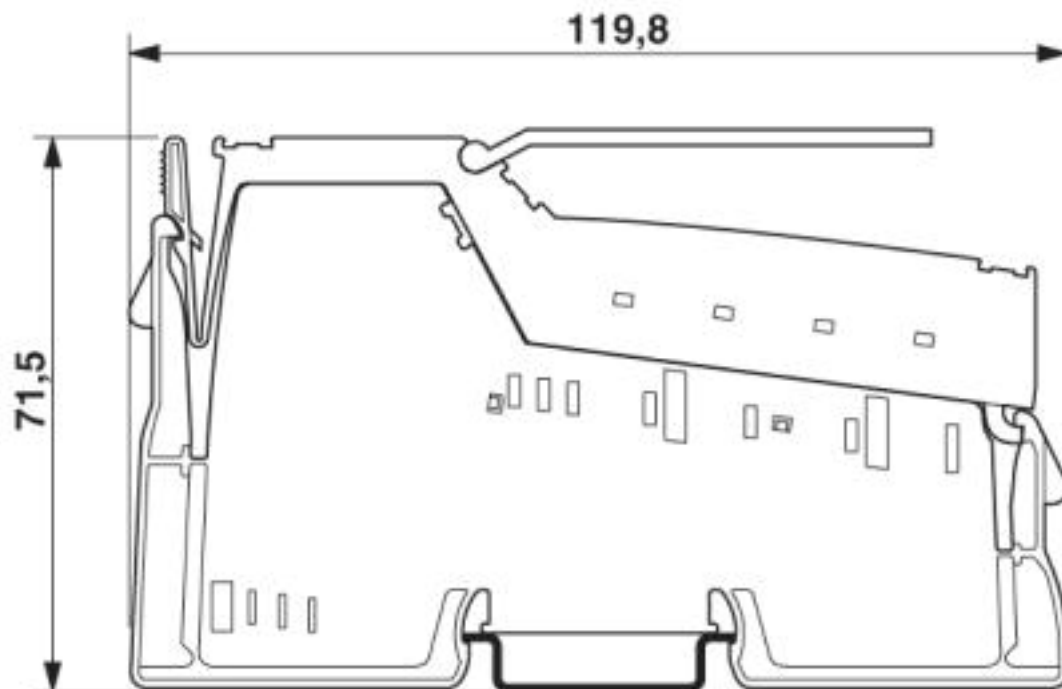
Drawings

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Connection diagram



Dimensional drawing



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Classifications

eCl@ss

eCl@ss 4.0	27250304
eCl@ss 4.1	27250304
eCl@ss 5.0	27250304
eCl@ss 5.1	27242605
eCl@ss 6.0	27242605
eCl@ss 7.0	27242605

ETIM

ETIM 2.0	EC001433
ETIM 3.0	EC001601
ETIM 4.0	EC001601
ETIM 5.0	EC001601

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Accessories

Accessories

Adapter cable

Interface cable - TEMPCON CAB-V24 - 2819419



Interface cable for Inline temperature controllers (IB IL TEMPCON ...), single

Configuration and diagnostics

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Accessories

License key - IB IL TEMPCONTROL - 2819370



License key for using the engineering tools for the multi-channel process controllers of type: IB IL TEMPCON 300, including interface cable TEMPCON CAB-V24. The software must also be downloaded.

Labeling panel

Labeling field - IB IL FIELD 8 - 2727515

Labeling field, width: 48.8 mm



Plug

Inline connector - IB IL SCN-8 - 2726337

Connector, for digital 1, 2 or 8-channel Inline terminals



Terminal marking

Insert strip - ESL 62X46 - 0809502



Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems: Laser printer, mounting type: insert, lettering field size: 62 x 46 mm, Number of individual labels: 120