

## Inline function terminal - IB IL TEMPCON 300 UTH-PAC - 2819671

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Inline temperature controller, complete with accessories (connector and labeling field) with 8 thermocouple inputs, 8 binary outputs, 1 input for recording the total current of heating elements, can be expanded to 30 control circuits with Inline temperature measurement terminals.

### Your advantages

- ✓ The Inline multi-channel temperature controller is a freely parameterizable slave for the Inline installation system.
- ✓ Can be extended by up to 30 closed-loop control circuits using additional temperature measurement terminals.
- ✓ Transmission speed 500 kbps

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 974411
GTIN	4017918974411
Weight per Piece (excluding packing)	240.000 g
Custom tariff number	90328900
Country of origin	United Kingdom

### 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

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## Technical data

### Power supply

Typical current consumption	90 mA
Max. current consumption	600 mA

### 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 ground 500 V AC 50 Hz 1 min.

### Inputs

Number of inputs	8
Connection technology	2-wire (floating)
Measured value representation	Depends on thermocouple
Measured value resolution	0.1 K
A/D conversion time	225 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 <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.08 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
Conductor cross section AWG min.	28
Conductor cross section AWG max.	16
Connection technology	2-wire (floating)

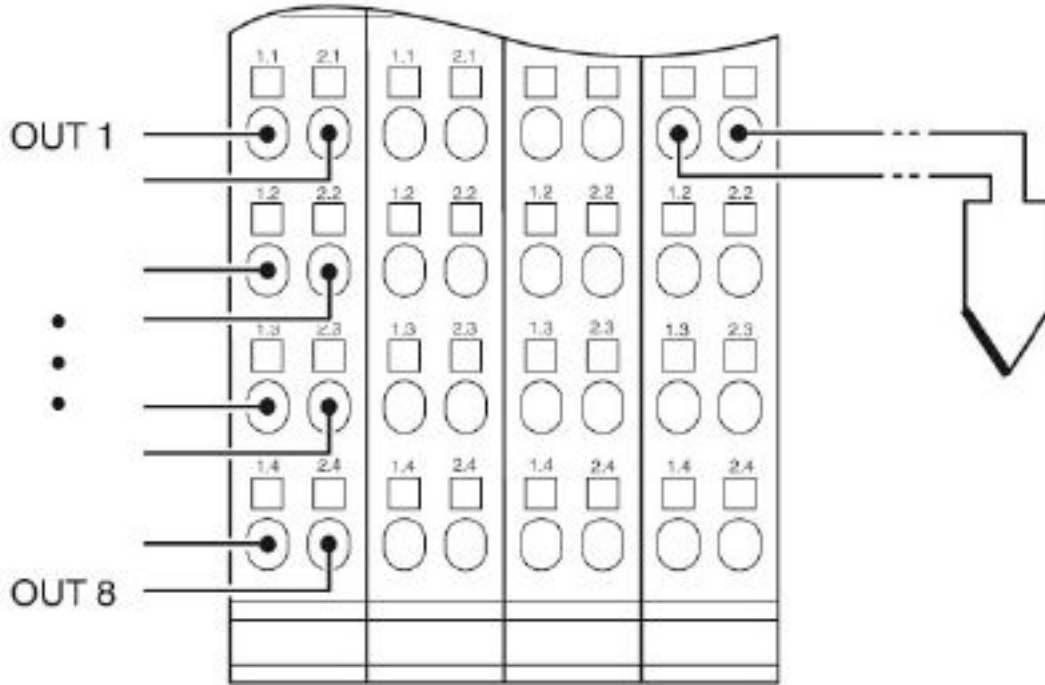
### Environmental Product Compliance

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

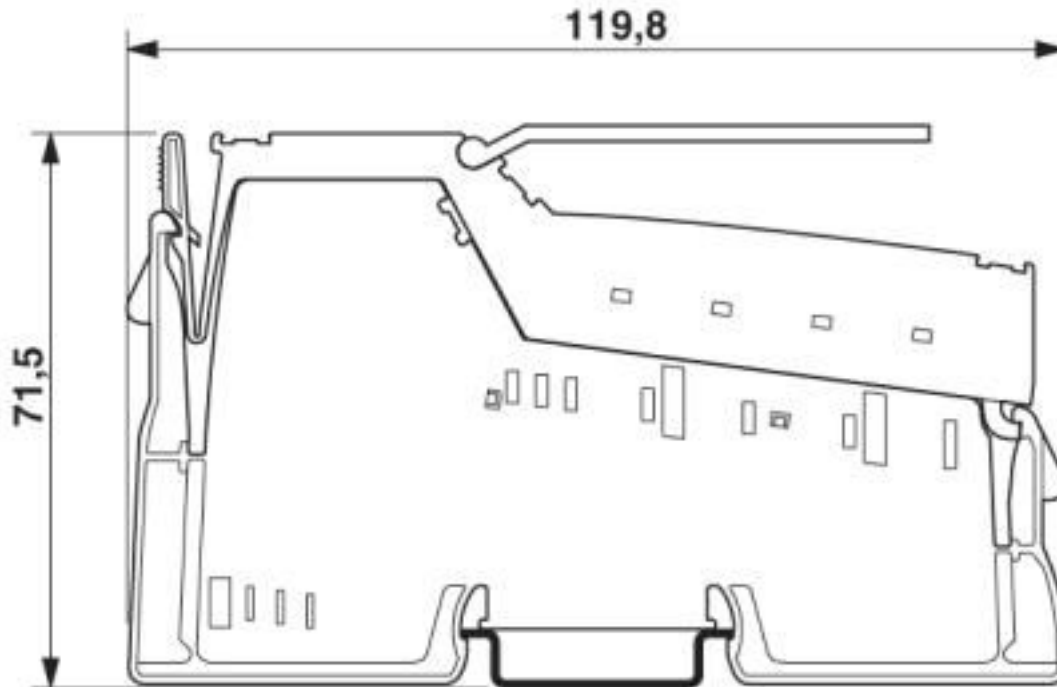
## Drawings

# Inline function terminal - IB IL TEMPCON 300 UTH-PAC - 2819671

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	27242600
eCl@ss 6.0	27242600
eCl@ss 7.0	27242605
eCl@ss 8.0	27242605
eCl@ss 9.0	27242605

### ETIM

ETIM 2.0	EC001433
ETIM 3.0	EC001601
ETIM 4.0	EC001601
ETIM 5.0	EC001601
ETIM 6.0	EC001601

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	32151602
UNSPSC 19.0	32151602

## Accessories

### Accessories

#### Adapter cable

Interface cable - TEMPCON CAB-V24 - 2819419



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

## Configuration and diagnostics

## Inline function terminal - IB IL TEMPCON 300 UTH-PAC - 2819671

### 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.

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### Labeling panel

Labeling field - IB IL FIELD 8 - 2727515

Labeling field, width: 48.8 mm



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### Plug

Inline connector - IB IL SCN-8 - 2726337

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



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### 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



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