


# IB IL TEMP CON UTH

Order No.: 2819312



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2819312>

Inline temperature regulators, without accessories, 8 inputs for thermocouples, 8 outputs, 24 V DC, 2-wire connection method

Commercial data	
GTIN (EAN)	 4 017918 951016
Note	Made-to-order
sales group	K413
Pack	1 pcs.
Customs tariff	85389091

<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data	
<b>Interfaces</b>	
Interface	Inline local bus
Type of connection	Inline data jumper
<b>Power supply</b>	
Typical current consumption	250 mA
Max. current consumption	4 A
<b>Electrical isolation</b>	
Test section	5 V supply, incoming remote bus/7.5 V supply (bus logics) 500 V AC 50 Hz 1 min

	5 V supply, outgoing remote bus/7.5 V supply (bus logics) 500 V AC 50 Hz 1 min
	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
	Analog inputs/bus logics 500 V AC 50 Hz 1 min
	Analog inputs/24 V supply (I/O) 500 V AC 50 Hz 1 min
	Analog inputs/functional earth ground 500 V AC 50 Hz 1 min

### Inputs

Number of inputs	8
Connection method	2-wire
Measured value representation	Depends on thermocouple
Measured value resolution	0.1 K
A/D conversion time	Approx. 70 ms
Sensor types that can be used (TC)	L, J, K, N, S, R, T, C, D, E, B

### General data

Degree of protection	IP20
Weight	122 g
Width	48.8 mm
Height	119.8 mm
Depth	71.5 mm
Mounting type	DIN rail
Type of connection	Spring-cage connection
Connection method	2-wire (shielded)

### Certificates / Approvals



Certification	CUL, GOST, UL
Certification Ex:	CUL-EX LIS, UL-EX LIS

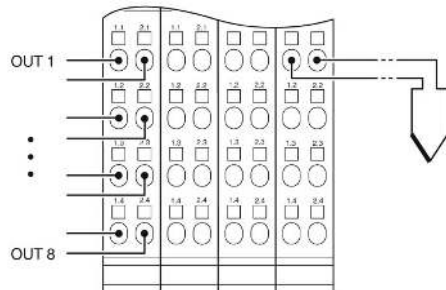
### Accessories

Item	Designation	Description
<b>Cable/conductor</b>		
2819419	TEMPCON CAB-V24	Interface cable for Inline temperature controllers (IB IL TEMPCON ...), single
<b>Literature</b>		
2698818	IB IL TEMPCON FUNCTION UM	User manual, German, for setting the controller functions of Inline temperature controllers, only available as a download.
2698821	IB IL TEMPCON FUNCTION UM E	User manual, English, for setting the controller functions of Inline temperature controllers, only available as a download.
2698795	IB IL TEMPCON UTH SYS UM	User manual, German, for Inline temperature controllers, only available as a download.
2698805	IB IL TEMPCON UTH SYS UM E	User manual, English, for Inline temperature controllers, only available as a download.
<b>Marking</b>		
0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
0809502	ESL 62X46	Insert strip for laser printer, lettering field: 62 x 46 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm
2727515	IB IL FIELD 8	Labeling field, width: 48.8 mm
<b>Plug/Adapter</b>		
2726337	IB IL SCN-8	Connector, for digital 1, 2 or 8-channel Inline terminals
<b>Software</b>		
2819370	IB IL TEMPCONTROL	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.

## Diagrams/Drawings

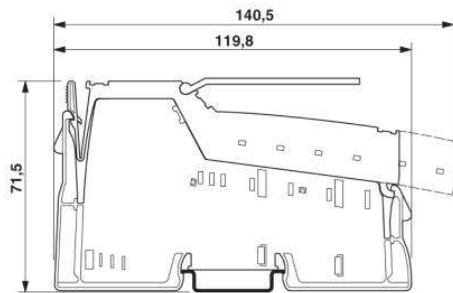
### Connection diagram

---



### Dimensioned drawing

---



**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



© 2011 Phoenix Contact  
Technical modifications reserved;