



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

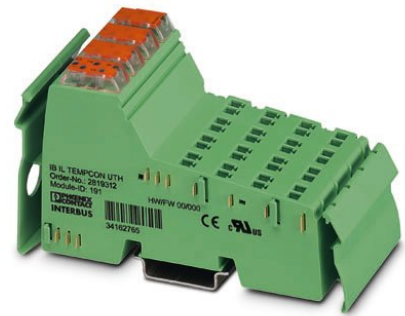
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China




# 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
------	-------------	-------------

#### Cable/conductor

2819419	TEMPCON CAB-V24	Interface cable for Inline temperature controllers (IB IL TEMPCON ...), single
---------	-----------------	--

#### Literature

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.

#### Marking

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

#### Plug/Adapter

2726337	IB IL SCN-8	Connector, for digital 1, 2 or 8-channel Inline terminals
---------	-------------	---

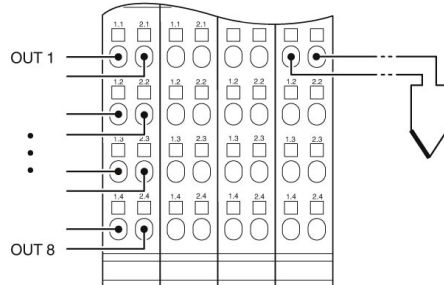
#### Software

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

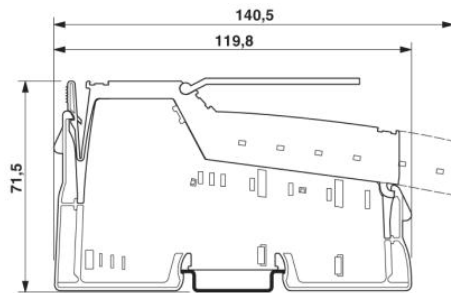
### Connection diagram

---



### 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;