

## IB IL TEMPCON 300 RTD-2MBD-PAC

Order No.: 2819820



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2819820>

Inline temperature controller, complete with accessories (connection plug and labeling field) with 6 resistance thermometer inputs, 6 binary outputs, 1 input for recording the total current of heating elements, expandable to 30 control circuits, transfer rate 2MBaud.

<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.

### Commercial data

GTIN (EAN)	
Note	Made-to-order
sales group	K413
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 286 (AX-2009)

### Technical data

#### General data

Degree of protection	IP20
Weight	122 g
Width	48.8 mm
Height	136.8 mm
Depth	71.5 mm
Mounting type	DIN rail
Name	Inline connectors

Type of connection	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 stranded min.	0.08 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	16

#### Inline potential routing

Current consumption from U <sub>L</sub>	160 mA (maximum) 115 mA (typical)
Current consumption from U <sub>S</sub>	max. 600 mA
I/O supply voltage U <sub>ANA</sub>	24 V DC (via voltage jumper)
Current consumption from U <sub>ANA</sub>	Typ. 30 mA

#### Certificates / Approvals



Certification GOST

#### Accessories

Item	Designation	Description
<b>Cable/conductor</b>		
2819419	TEMPCON CAB-V24	Interface cable for Inline temperature controllers (IB IL TEMPCON ...), single
<b>Marking</b>		
0809502	ESL 62X46	Insert strip for laser printer, lettering field: 62 x 46 mm
2727515	IB IL FIELD 8	Labeling field, width: 48.8 mm
<b>Plug/Adapter</b>		
2740245	IB IL SCN 6-SHIELD-TWIN	Inline shield connector
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.
---------	-------------------	--

**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;