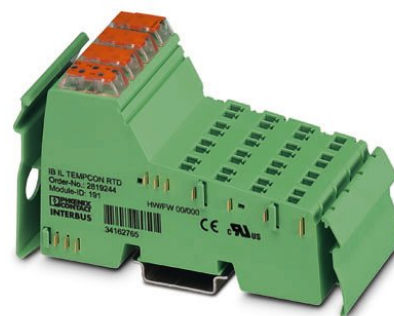



IB IL TEMPCON RTD

Order No.: 2819244



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2819244>

Inline temperature regulators, without accessories, 6 inputs for resistance thermometers, 6 outputs, 24 V DC, 3-wire connection method

Commercial data	
GTIN (EAN)	 4 017918 890407
Note	Made-to-order
sales group	K413
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 243 (AX-2004)

<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	
Interfaces	
Interface	Inline local bus
Connection method	Inline data jumper
Power supply	
Typical current consumption	250 mA
Max. current consumption	4 A
Electrical isolation	
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	6
Connection method	4-wire
Measured value representation	-200°C ... 850°C
Measured value resolution	0.1 K
A/D conversion time	Approx. 70 ms
Number of inputs	6
	6

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
Connection method	Spring-cage connection
	3-conductor (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.
2698779	IB IL TEMPCON RTD SYS UM	User manual, German, for Inline temperature controllers, only available as a download.
2698782	IB IL TEMPCON RTD SYS UM E	User manual, English, for Inline temperature controllers, only available as a download.

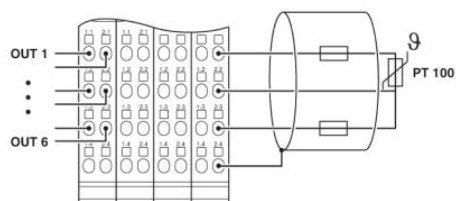
Marking		
0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
0809502	ESL 62X46	Insert strip for laser printer, lettering field: 62 x 46 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm
2727515	IB IL FIELD 8	Labeling field, width: 48.8 mm

Plug/Adapter		
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

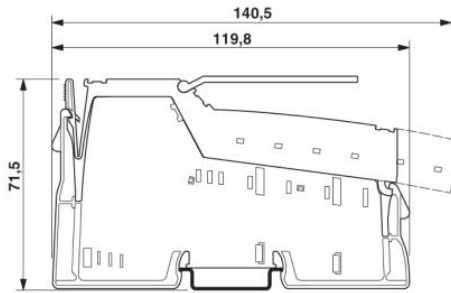
Software		
2819370	IB IL TEMPCONTROL	License key for using the engineering tools for the multi-channel process controllers of type: IB IL TEMPCON 300, including interface cable TEMPCON CAB-V24. The software must also be downloaded.

Diagrams/Drawings

Connection diagram



Dimensioned drawing



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