

IB IL TEMPCON RTD - Inline function terminal



2819244

<https://www.phoenixcontact.com/us/products/2819244>

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Inline temperature controller, without accessories, 6 inputs for resistance temperature detectors, 6 outputs, 24 V DC, 3-conductor connection technology

Your advantages

- Configuration via engineering tool (configuration software)
- Self-tuning
- 6 outputs, 24 V DC / 70 mA
- Can be configured as a 2-step controller, 3-step controller, motor step controller or signaling device (threshold value switch)
- 6 analog inputs for Pt 100 according to DIN EN 60751
- Heating current and closed-loop control circuit monitoring

Commercial data

Item number	2819244
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DRI191
Catalog page	Page 243 (AX-2004)
GTIN	4017918890407
Weight per piece (including packing)	157.6 g
Weight per piece (excluding packing)	130.61 g
Customs tariff number	85389091
Country of origin	DE

IB IL TEMPCON RTD - Inline function terminal

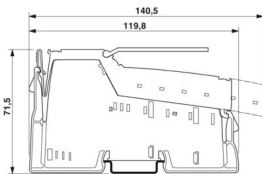


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Technical data

Dimensions

Dimensional drawing	
Width	48.8 mm
Height	119.8 mm
Depth	71.5 mm

Interfaces

Inline local bus

Connection method	Inline data jumper
Transmission speed	500 kbps

System properties

Module

ID code (dec.)	191
ID code (hex)	BF
Length code (hex)	02
Length code (dec)	02
Process data channel	32 bit
Input address area	4 Byte
Output address area	4 Byte
Register length	32 bit
Required parameter data	1 Byte

Output data

Output current	70 mA
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Product properties

Product type	I/O component
Product family	Inline
Type	modular
No. of channels	6

Electrical properties

Test section	5 V supply, incoming remote bus/7.5 V supply (bus logics) 500 V AC 50 Hz 1 min.
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	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 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 ground 500 V AC 50 Hz 1 min.

Supply

Max. current consumption	4 A
Typical current consumption	250 mA

Connection data

Connection method	Spring-cage connection
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Environmental and real-life conditions

Ambient conditions

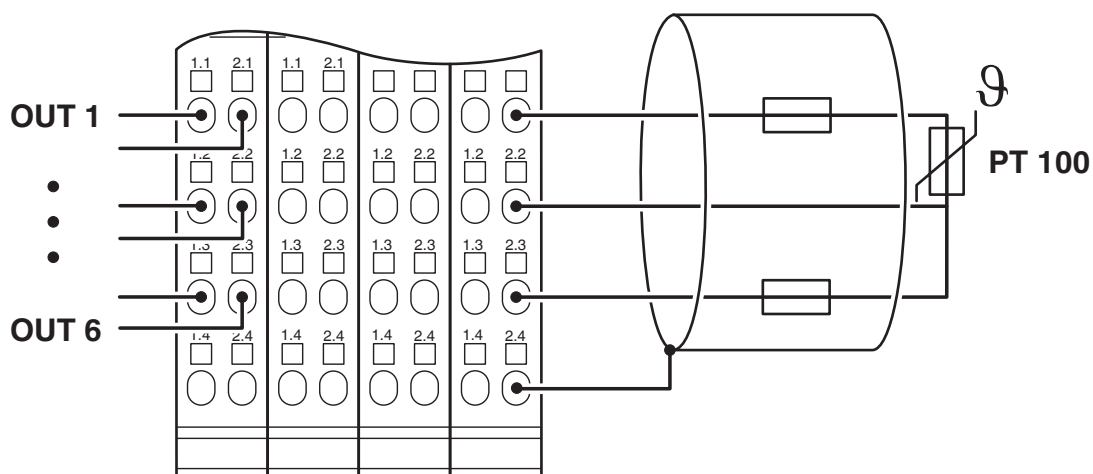
Degree of protection	IP20
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Mounting

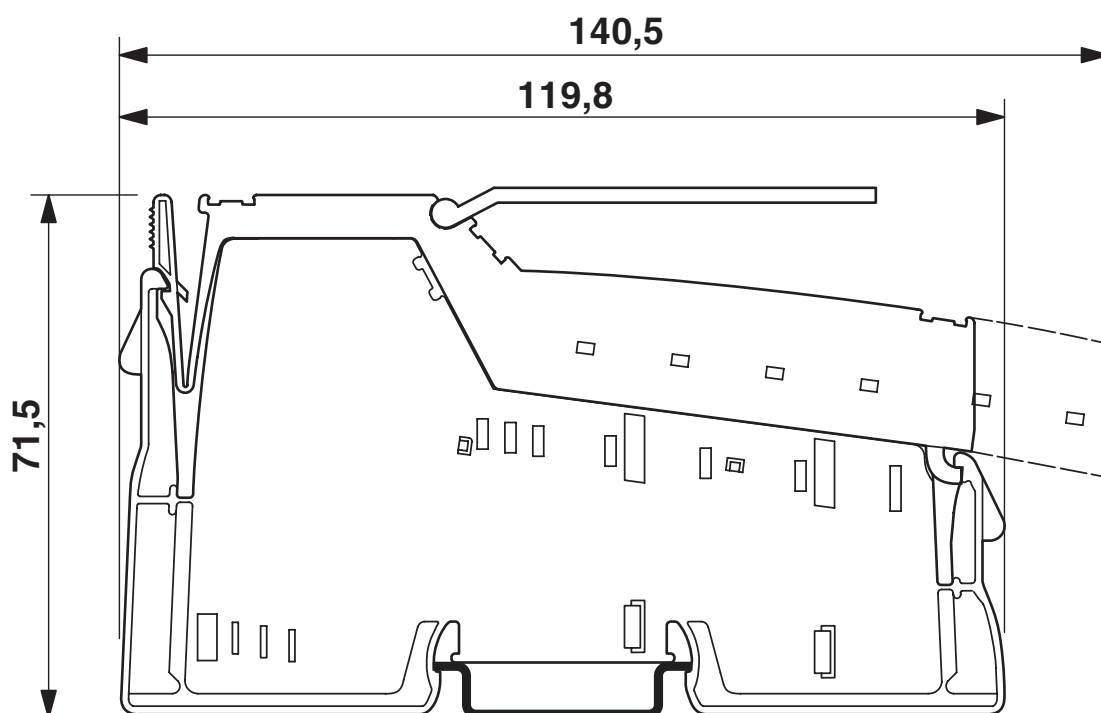
Mounting type	DIN rail mounting
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Drawings

Connection diagram



Dimensional drawing



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Accessories

IB IL SCN 6-SHIELD-TWIN - Inline shield connector

2740245

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Inline shield connector



IB IL SCN-8 - Inline connector

2726337

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



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IB IL FIELD 8 - Marking field

2727515

<https://www.phoenixcontact.com/us/products/2727515>

Marking field, width: 48.8 mm



ESL 62X46 - Insert strip

0809502

<https://www.phoenixcontact.com/us/products/0809502>

Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems, CMS-P1-PLOTTER, mounting type: insert, lettering field size: 62 x 46 mm, Number of individual labels: 15



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IB IL TEMPCONTROL - License key

2819370

<https://www.phoenixcontact.com/us/products/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.



TEMPCON CAB-V24 - Interface cable

2819419

<https://www.phoenixcontact.com/us/products/2819419>

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



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IB IL FIELD 2 - Marking field

2727501

<https://www.phoenixcontact.com/us/products/2727501>

Marking field, width: 12.2 mm



ESL 62X10 - Insert strip

0809492

<https://www.phoenixcontact.com/us/products/0809492>

Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems, CMS-P1-PLOTTER, mounting type: insert, lettering field size: 62 x 10 mm, Number of individual labels: 72



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IB IL TEMPCON FUNCTION UM E - User manual

2698821

<https://www.phoenixcontact.com/us/products/2698821>



User manual, English, for setting the controller functions of Inline temperature controllers, only available as a download.

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