

IB IL TEMPCON 300 RTD-2MBD-PAC - Inline function terminal



2819820

<https://www.phoenixcontact.com/us/products/2819820>

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Inline temperature controller, complete with accessories (connector 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.

Product description

Inline terminals with "2 MBD" added to their item designation work with a transmission speed of 2 Mbps. These terminal blocks are discontinued or no longer in the range. If you require this transmission speed, please ask your local Phoenix Contact representative. If you can work with a transmission speed of 500 kbps, select as a replacement the corresponding variant that does not have "2MBD" added to its item designation. Please note that a uniform transmission speed must always be used within one inline station.

Your advantages

- Can be extended by up to 30 closed-loop control circuits using additional temperature measurement terminals.
- The Inline multi-channel temperature controller is a freely parameterizable slave for the Inline installation system.
- Transmission speed 2 Mbps

Commercial data

Item number	2819820
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DRI191
GTIN	4046356123112
Weight per piece (including packing)	273.5 g
Weight per piece (excluding packing)	273.5 g
Customs tariff number	85389091
Country of origin	DE

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Technical data

Dimensions

Width	48.8 mm
Height	136.8 mm
Depth	71.5 mm

Interfaces

Inline local bus

Connection method	Inline data jumper
Transmission speed	2 Mbps

System properties

Programming data (LocalbusSlave)

Length code (hex)	06
ID code (dec.)	221
Length code (dec)	06
Process data channel	32 bit
Input address area	4 Byte
Output address area	4 Byte
Parameter channel (PCP)	64 bit
Register length (bus)	96 bit

Fieldbus data telegram

Required parameter data	1 Byte
Required configuration data	5 Byte

Product properties

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

Connection data

Connection technology

Connection name	Inline connector
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Inline connector

Connection method	Spring-cage connection
Conductor cross-section, rigid	0.08 mm ² ... 1.5 mm ²
Conductor cross-section, flexible	0.08 mm ² ... 1.5 mm ²
Conductor cross-section AWG	28 ... 16

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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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Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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