

Inline function terminal - IB IL TEMPCON RTD - 2819244

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

Your advantages

- 6 analog inputs for Pt 100 according to DIN EN 60751
- 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)
- Self-tuning
- Heating current and closed-loop control circuit monitoring
- Configuration via engineering tool (configuration software)

Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 890407
GTIN	4017918890407

Technical data

Dimensions

Width	48.8 mm
Height	119.8 mm
Depth	71.5 mm

Ambient conditions

Degree of protection	IP20
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Interfaces

Interface	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kbps

Power supply

Typical current consumption	250 mA
Max. current consumption	4 A

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Technical data

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

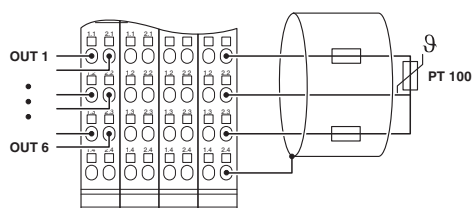
Number of inputs	6
Connection technology	4-wire
Measured value representation	-200°C ... 850°C
Measured value resolution	0.1 K
A/D conversion time	approx. 70 ms
Number of inputs	6
	6

General

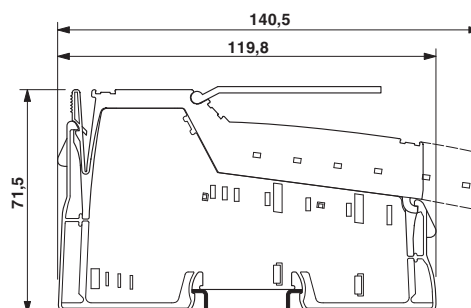
Weight	122 g
Mounting type	DIN rail
Connection method	Spring-cage connection
Connection technology	3-conductor (shielded)

Drawings

Connection diagram



Dimensional drawing



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