

Inline function terminal - IB IL TEMP 6 RTD HEI 1 DO6-PAC - 2819684

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Inline temperature measurement terminal, complete with accessories (connector and labeling field) with process data multiplex with 6 resistance thermometer inputs, 6 binary outputs (24 V, 70 mA), 1 input for recording the total current of heating elements.

RoHS

Key Commercial Data

Packing unit	1
GTIN	 4 017918 974428
GTIN	4017918974428
Custom tariff number	85389091

Technical data

Dimensions

Width	48.8 mm
Height	136.8 mm
Depth	71.5 mm

Ambient conditions

Ambient temperature (operation)	0 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	75% average, 85% seldom
Permissible humidity (storage/transport)	75% average, 85% seldom
Degree of protection	IP20

General

Mounting type	DIN rail
Color	green

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Technical data

General

Net weight	272.3 g
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Interfaces

Designation	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kbps
Transmission physics	Copper

Inline potentials

Designation	Communications power (U_L)
Supply voltage	7.5 V DC (via voltage jumper)
Current consumption	typ. 90 mA
	max. 150 mA
Designation	Supply of analog modules (U_{ANA})
Supply voltage	24 V DC (via voltage jumper)
Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Current consumption	typ. 20 mA
	max. 30 mA
Designation	Segment circuit supply (U_S)
Supply voltage	24 V DC (via voltage jumper)
Supply voltage range	19.2 V DC ... 30 V DC
Current consumption	max. 500 mA

Analog inputs

Number of inputs	6
Input name	Analog RTD inputs
Connection method	Spring-cage connection
Connection technology	3-conductor (shielded)
Sensor types (RTD) that can be used	Pt 100
A/D conversion time	max. 175 ms

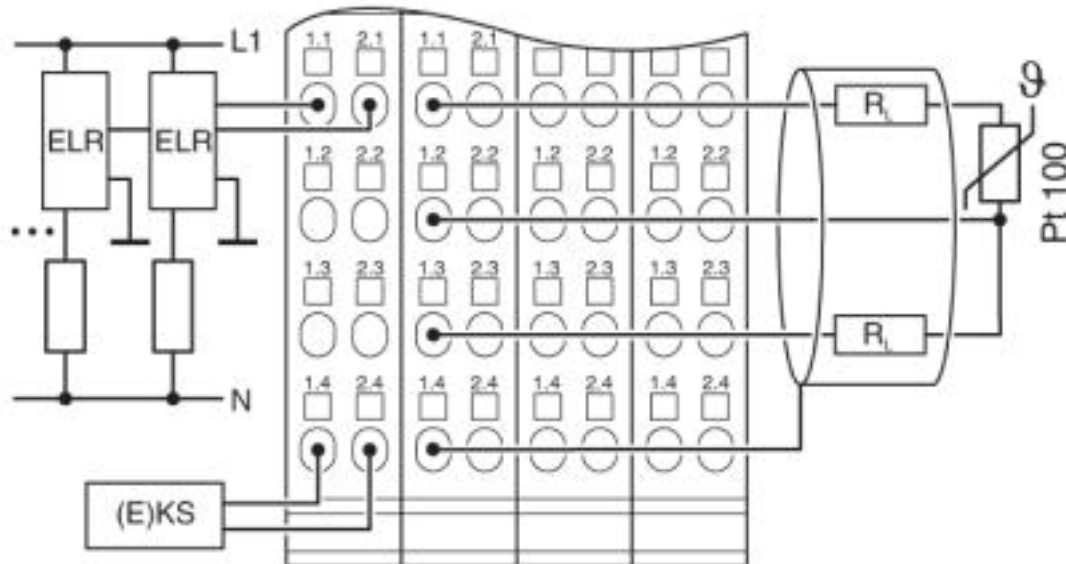
Digital outputs

Output name	Digital outputs
Number of outputs	6
Output voltage	24 V DC
Output current	70 mA (short-circuit-proof)

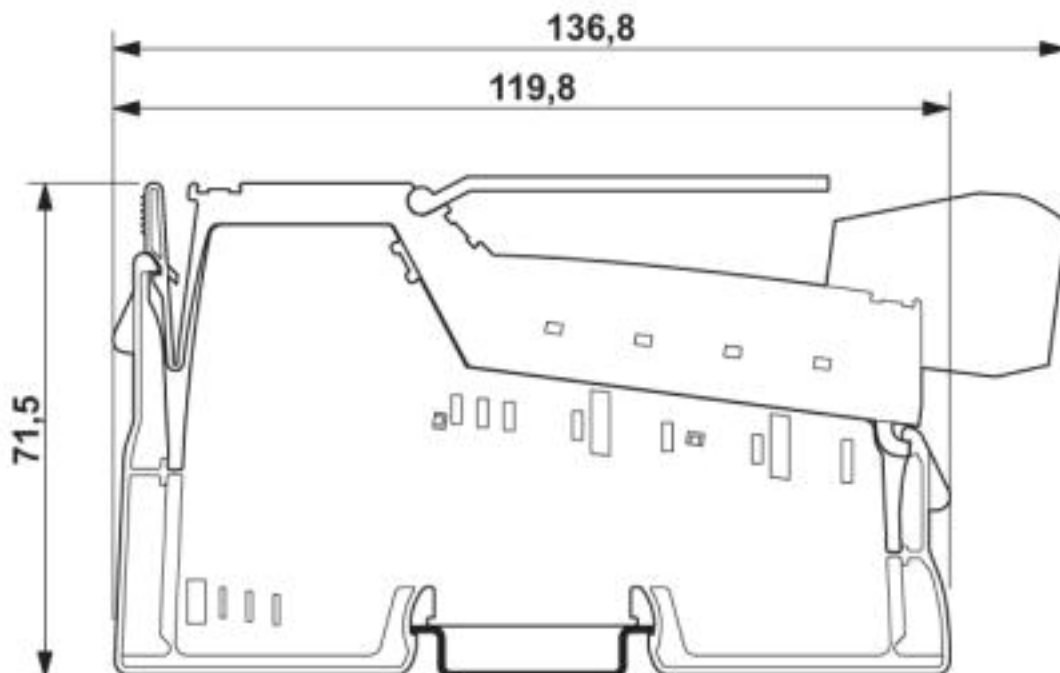
Drawings

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Connection diagram



Dimensional drawing



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Classifications

eCl@ss

eCl@ss 4.0	27250304
eCl@ss 4.1	27250304
eCl@ss 5.0	27250304
eCl@ss 5.1	27242605
eCl@ss 6.0	27242605
eCl@ss 7.0	27242605

ETIM

ETIM 2.0	EC001433
ETIM 3.0	EC001601
ETIM 4.0	EC001601
ETIM 5.0	EC001596

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Accessories

Accessories

Labeling panel

Labeling field - IB IL FIELD 8 - 2727515

Labeling field, width: 48.8 mm



Plug

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Accessories

Inline shield connector - IB IL SCN 6-SHIELD-TWIN - 2740245



Inline shield connector

Inline connector - IB IL SCN-8 - 2726337



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

Terminal marking

Insert strip - ESL 62X46 - 0809502



Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems: Laser printer, mounting type: insert, lettering field size: 62 x 46 mm, Number of individual labels: 120