

Inline function terminal - IB IL TEMP 8 UTH HEI 1 DO8-PAC - 2819697

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Inline temperature measurement terminal, complete with accessories (connector and labeling field) with process data multiplex with 8 thermocouple inputs, 8 binary outputs (24 V, 70 mA), 1 input for recording the total current of heating elements.

Your advantages

- I/Os for 8 closed-loop control circuits
- Connection of thermocouples according to DIN EN 60584-1 and DIN 43710
- Output for solid-state relay
- Input for heating current acquisition



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 980207
GTIN	4017918980207
Weight per Piece (excluding packing)	122.000 g
Custom tariff number	90329000
Country of origin	United Kingdom

Technical data

Dimensions

Width	48.8 mm
Height	119.8 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

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Technical data

General

Mounting type	DIN rail
Color	green
Net weight	122 g

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. 600 mA

Analog inputs

Number of inputs	8
Input name	Analog UTH inputs
Connection method	Spring-cage connection
Connection technology	2-wire (floating)
Sensor types that can be used (TC)	B, C, D, E, J, K, L, N, R, S, T
Measured value representation	Depends on thermocouple
A/D conversion time	max. 225 ms

Digital outputs

Output name	Digital outputs
Number of outputs	8
Output voltage	24 V DC
Output current	70 mA (short-circuit-proof)

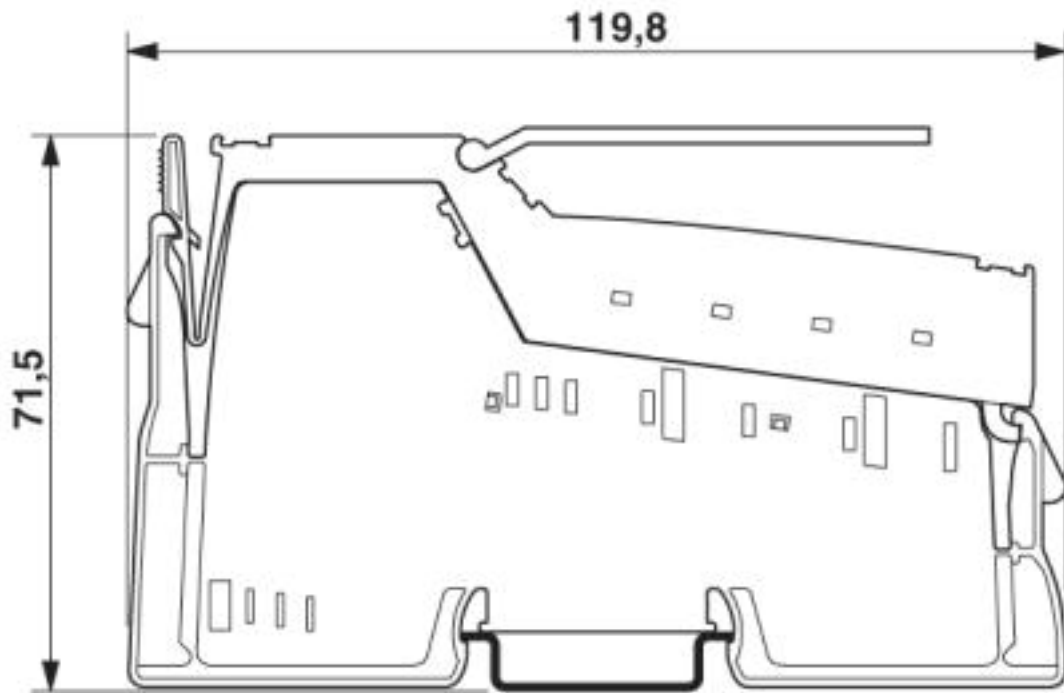
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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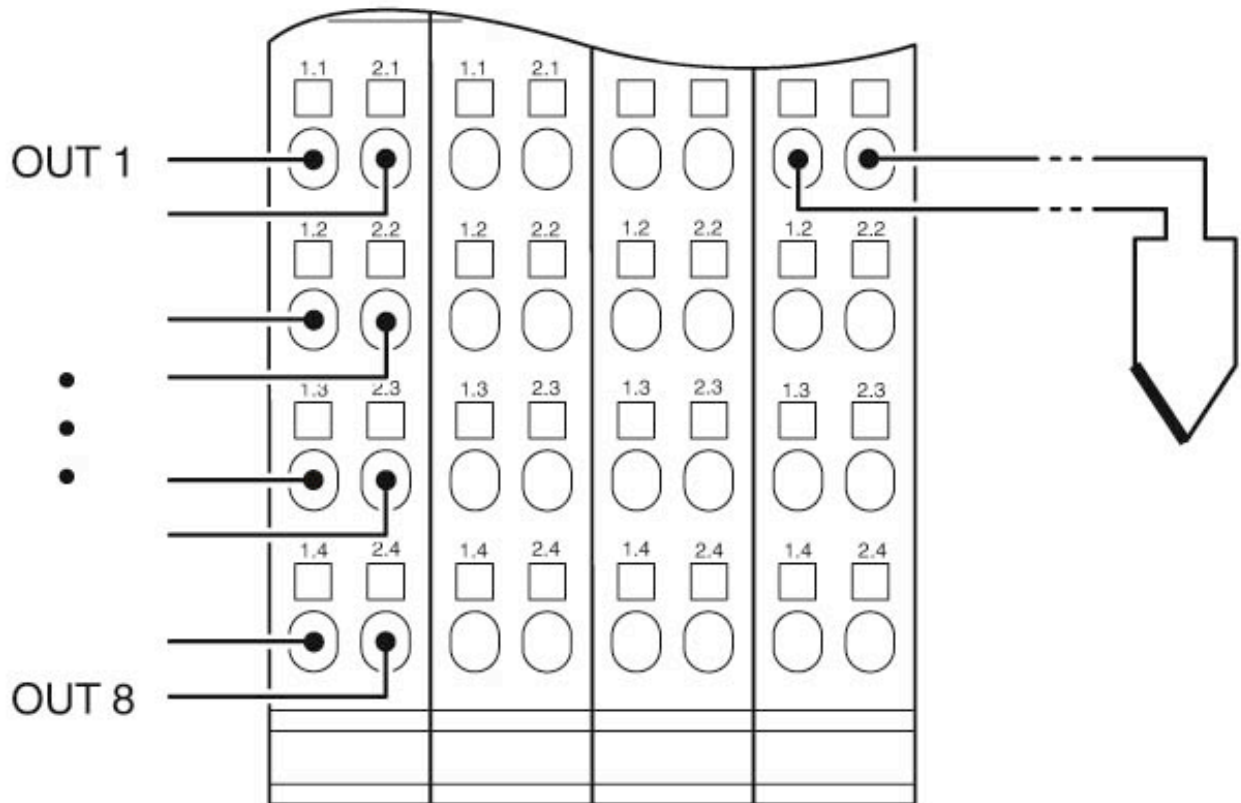
Drawings

Dimensional drawing



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Connection diagram



Classifications

eCl@ss

eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	27250300
eCl@ss 5.1	27242600
eCl@ss 6.0	27242600
eCl@ss 7.0	27242601
eCl@ss 8.0	27242601
eCl@ss 9.0	27242601

ETIM

ETIM 2.0	EC001433
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Classifications

ETIM

ETIM 3.0	EC001601
ETIM 4.0	EC001601
ETIM 5.0	EC001596
ETIM 6.0	EC001596
ETIM 7.0	EC001596

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	32151602
UNSPSC 18.0	32151602
UNSPSC 19.0	32151602
UNSPSC 20.0	32151602
UNSPSC 21.0	32151602

Accessories

Accessories

Labeling panel

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm



Labeling field - IB IL FIELD 8 - 2727515

Labeling field, width: 48.8 mm



Plug

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Accessories

Inline connector - IB IL SCN-8 - 2726337

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



Terminal marking

Insert strip - ESL 62X10 - 0809492

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



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

