

## Inline function terminal - IB IL SSI-IN-PAC - 2819574

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Inline measurement terminal block for absolute encoders, complete with accessories (connector and labeling field), 1 input for absolute rotation or position measurement systems, with SSI interface




### Your advantages

- 1 single or multi-turn encoder with up to 25-bit resolution can be connected
- Transmission frequency of up to 1 MHz
- Shielded connection
- 5 V encoder supply including monitoring
- Parity monitoring
- Reversal of direction of rotation
- Gray or binary code



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 941154
GTIN	4017918941154

### Technical data

#### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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#### Dimensions

Width	12.2 mm
Height	135 mm
Depth	71.5 mm

#### Interfaces

Interface	Inline local bus
Connection method	Inline data jumper

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## Technical data

### Power supply

I/O voltage	24 V AC
Encoder supply voltage	5 V DC
Encoder supply current	max. 250 mA
Drawing encoder supply voltage	Main circuit $U_M$

### Absolute encoder input

Number of inputs	1
Adjustable resolution	25 bit (maximum)
Transmission frequency	100 kHz
	200 kHz
	400 kHz
	800 kHz
	1 MHz

### Incremental encoder input

Adjustable resolution	25 bit (maximum)
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### Inputs

Connection technology	Spring-cage connection
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### Outputs

Number of outputs	1
Connection technology	2, 3-wire

### General

Weight	71 g
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### Inline potentials

Designation	Communications power ( $U_L$ )
Supply voltage	7.5 V DC (via voltage jumper)
Current consumption	max. 28 mA
Designation	Main circuit supply ( $U_M$ )
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	max. 66 mA

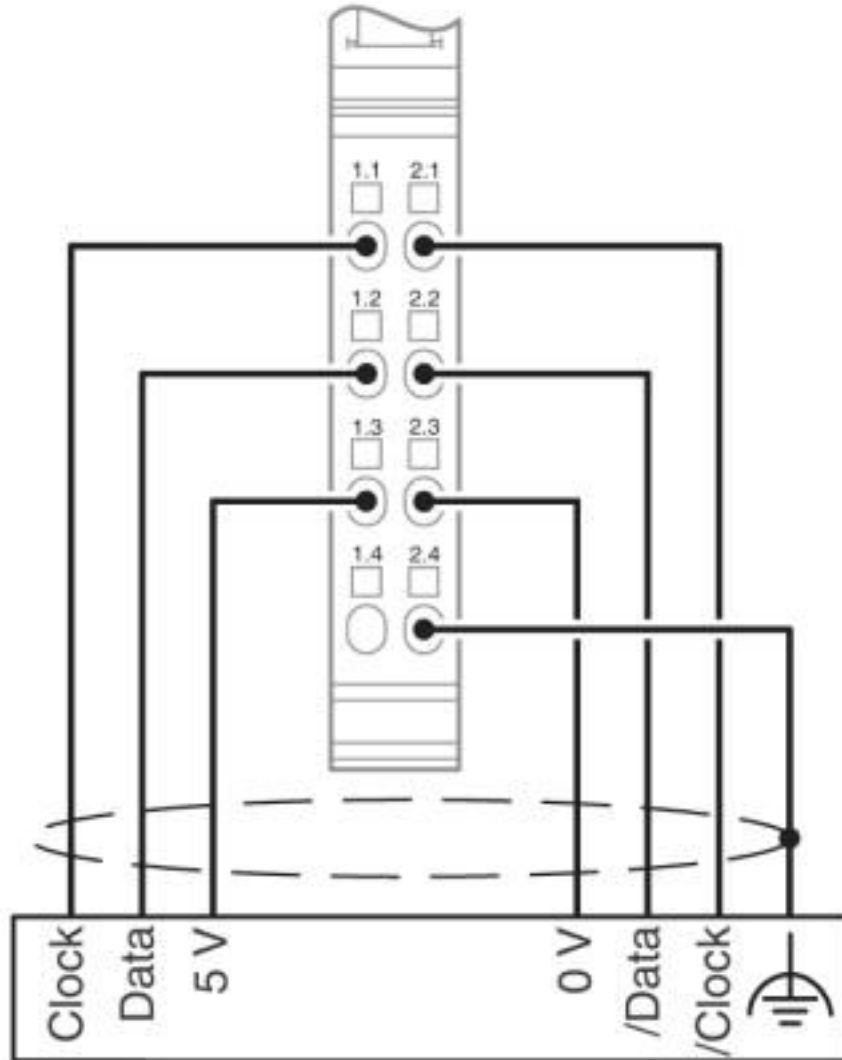
### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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## Drawings

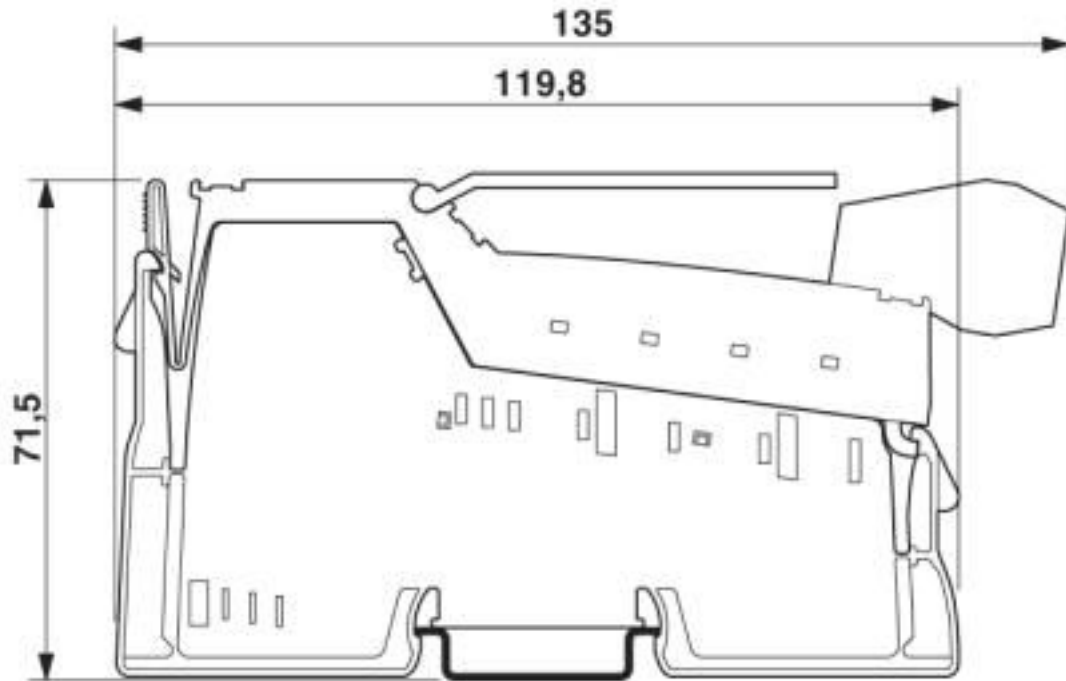
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Connection diagram



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Dimensional drawing



## Classifications

### eCl@ss

eCl@ss 10.0.1	27242605
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	27242605
eCl@ss 8.0	27242605
eCl@ss 9.0	27242605

### ETIM

ETIM 2.0	EC001433
ETIM 3.0	EC001601
ETIM 4.0	EC001601
ETIM 5.0	EC001601
ETIM 6.0	EC001601
ETIM 7.0	EC001601

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404

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## Classifications

### UNSPSC

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

## Approvals

### Approvals

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Approvals

EAC

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Ex Approvals

UL Listed / cUL Listed / cULus Listed

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### Approval details

EAC		EAC-Zulassung
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## Accessories

### Accessories

#### Labeling panel

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm



### Marker pen

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### Accessories

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

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Marker pen - X-PEN 0,35 - 0811228



Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm

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### Plug

Inline shield connector - IB IL SCN-6 SHIELD - 2726353



Inline shield connector

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### 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

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Zack Marker strip, flat - ZBF 6:UNBEDRUCKT - 0808710



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

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### Accessories

Flat zack marker sheet - ZBFM 6/WH:UNBEDRUCKT - 0803618

Flat zack marker sheet, Sheet, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5 x 5.5 mm, Number of individual labels: 100



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