

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

Product Features

- 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
Weight per Piece (excluding packing)	100.0 g
Custom tariff number	85389091
Country of origin	Germany

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	136.8 mm
Depth	71.5 mm

Interfaces

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Technical data

Interfaces

Interface	Inline local bus
Connection method	Inline data jumper

Power supply

I/O voltage	24 V AC (via voltage jumper)
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 method	Spring-cage connection
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Outputs

Number of outputs	1
Connection method	2, 3-wire

General

Weight	71 g
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Inline potentials

Communications power U_L	7.5 V (via voltage jumper)
Current consumption from U_L	max. 28 mA
Main circuit supply U_M	typ. 24 V DC
Current consumption from U_M	max. 66 mA

Classifications

eCl@ss

eCl@ss 4.0	27250302
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Classifications

eCl@ss

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
eCl@ss 8.0	27242605

ETIM

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

UNSPSC

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

Approvals

Approvals

Approvals

EAC

Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approvals submitted

Approval details

EAC

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Accessories

Accessories

Labeling panel

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm



Marker pen

Marker pen - B-STIFT - 1051993



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

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

Plug

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



Inline shield connector

Terminal marking

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Accessories

Insert strip - ESL 62X10 - 0809492



Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems, Plotter: Laser printer, Mounting type: Insert, Lettering field: 62 x 10 mm

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



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

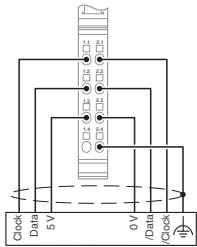
Flat zack marker sheet - ZBFM 6/WH:UNBEDRUCKT - 0803618



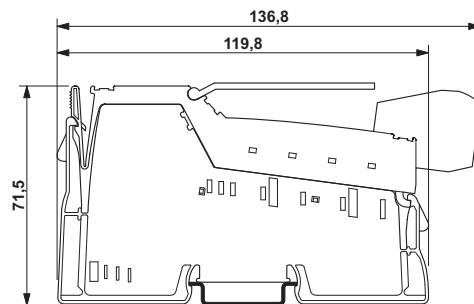
Flat zack marker sheet, Sheet, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5 x 5.5 mm

Drawings

Connection diagram



Dimensional drawing



Mouser Electronics

Authorized Distributor

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