

Inline function terminal - IB IL SSI-PAC - 2861865

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Inline measurement terminal block for positioning control and absolute position encoders, complete with accessories, 1 absolute encoder input, 4 digital inputs 24 V DC, 4 digital outputs 24 V DC, 500 mA, 3-wire connection method

Why buy this product

- Startup using hand-held operator panel mode
- 5 V and 24 V encoder supply including monitoring
- 24 V sensor supply including monitoring
- Integrated monitoring functions
- Software limit switch
- Adjustable encoder offset
- Encoder resolution up to 26 bits
- Gear ratio can be parameterized
- Position detection using absolute encoders with SSI interface
- 4 digital outputs
- 3 digital inputs



Key commercial data

Packing unit	1 pc
GTIN	 4 017918 894566
Weight per Piece (excluding packing)	210.0 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	48.8 mm
Height	140.5 mm

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Technical data

Dimensions

Depth	71.5 mm
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Interfaces

Interface	Inline local bus
Connection method	Inline data jumper

Power supply

I/O voltage	24 V DC (via voltage jumper)
I/O voltage range	19.2 V DC ... 30 V DC
Encoder supply voltage	5 V DC
	24 V DC
Encoder supply current	500 mA
	500 mA
Drawing encoder supply voltage	Main circuit U_M

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
	7.5 V supply (bus logics) / functional earth ground of encoder supply 500 V AC 50 Hz 1 min
	24 V supply (I/O) / functional earth ground 500 V AC 50 Hz 1 min
	24 V supply (I/O) / functional earth ground of encoder supply 500 V AC 50 Hz 1 min
	Functional earth ground of encoder supply / Functional earth ground 500 V AC 50 Hz 1 min

Absolute encoder input

Number of inputs	1
Adjustable resolution	26 Bit (maximum)
Transmission frequency	400 kHz

Inputs

Number of inputs	3
Connection method	3-conductor
Input voltage	24 V DC

Outputs

Number of outputs	4
Connection method	3-conductor (shielded)
Output voltage	24 V DC

General

Weight	210 g
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Technical data

General

Number of connectors	1
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Inline potentials

Communications power U_L	7.5 V (via voltage jumper)
Current consumption from U_L	max. 60 mA
Main circuit supply U_M	24 V DC (via voltage jumper)
Current consumption from U_M	max. 1 A
	typ. 1 A
Segment supply voltage U_S	24 V DC (via voltage jumper)
Current consumption from U_S	max. 2 A
	typ. 2 A

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	EC001601

UNSPSC

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

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cUL Recognized / UL Recognized / EAC / cULus Recognized

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Approvals

Ex Approvals

Approvals submitted

Approval details

UL Recognized

cUL Recognized

cUL Recognized

UL Recognized

EAC

cULus Recognized

Accessories

Accessories

Terminal marking

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



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Accessories

User manual - IB IL SSI UM - 2698452



User Manual, German, for Inline positioning terminals

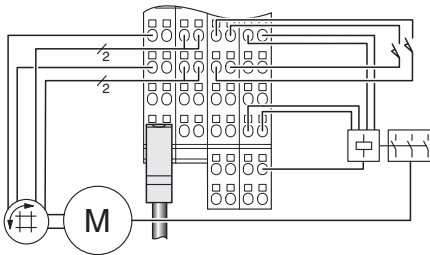
User manual - IB IL SSI UM E - 2698465



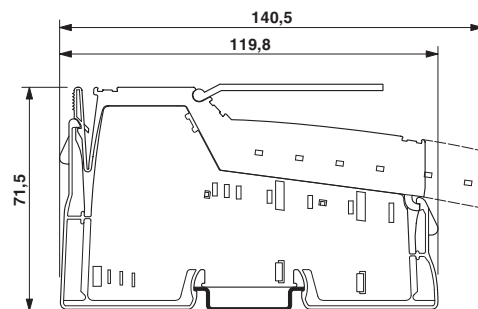
User Manual, English, for Inline positioning terminals

Drawings

Connection diagram



Dimensioned drawing



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Block diagram

