

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 STK
GTIN	
GTIN	4017918894566

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
Depth	71.5 mm

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Technical data

Interfaces

Interface	Inline local bus
Connection method	Inline data jumper

Power supply

I/O voltage	24 V DC
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 technology	3-wire
Input voltage	24 V DC

Outputs

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

General

Weight	210 g
Number of plugs	1

Inline potentials

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Technical data

Inline potentials

Designation	Communications power (U _L)
Supply voltage	7.5 V DC (via voltage jumper)
Current consumption	max. 60 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. 1 A
Designation	Segment circuit supply (U _S)
Supply voltage	24 V DC (via voltage jumper)
Current consumption	max. 2 A

Standards and Regulations

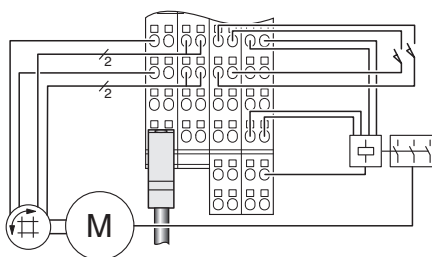
Connection in acc. with standard	CUL
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Environmental Product Compliance

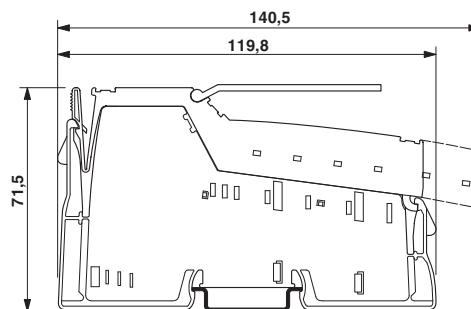
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Connection diagram



Dimensional drawing



Approvals

Approvals

Approvals

UL Recognized / EAC

Ex Approvals

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Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140324
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EAC		EAC-Zulassung
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