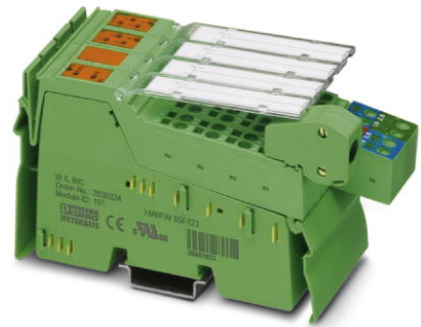



# IB IL INC-PAC

Order No.: 2861849



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2861849>

Inline positioning terminal block, complete with accessories (connector and labeling field), 1 incremental encoder input, 4 digital inputs 24 V DC, 4 digital outputs 24 V DC, 500 mA, 3-wire connection method

Commercial data	
GTIN (EAN)	4  017918 894542
sales group	K413
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 304 (AX-2009)

#### Product notes

WEEE/RoHS-compliant since:  
10/28/2008



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

## Technical data

Interfaces	
Interface	Inline local bus
Type of connection	Inline data jumper

**Power supply**

I/O voltage	24 V DC (via voltage jumper)
Peripherals voltage range	19.2 V DC ... 30 V DC
Encoder supply voltage	5 V DC (sym. / asym.)
	24 V DC (Only asymmetrical encoders)
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

**Incremental encoder input**

Number of inputs	1
Input frequency (24 V)	0 Hz ... 50 kHz (asymmetrical)
Input frequency (5 V)	0 kHz ... 500 kHz (symmetrical)
Encoder signals	Symmetrical and asymmetrical encoders

**Inputs**

Number of inputs	4
Connection method	3-conductor

**Outputs**

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

**General data**

Weight	210 g
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Width	48.8 mm
Height	140.5 mm
Depth	71.5 mm

#### Inline potential routing

Communications power $U_L$	7.5 V (via voltage jumper)
Current consumption from $U_L$	max. 110 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

#### Certificates / Approvals



Certification CUL, GOST, UL

#### Accessories

Item	Designation	Description
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#### Literature

2698478	IB IL INC UM	User Manual, German, for Inline positioning terminals
2698481	IB IL INC UM E	User Manual, English, for Inline positioning terminals

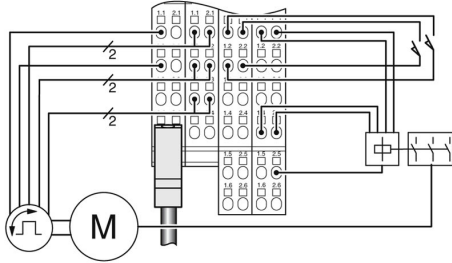
#### Marking

0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
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## Diagrams/Drawings

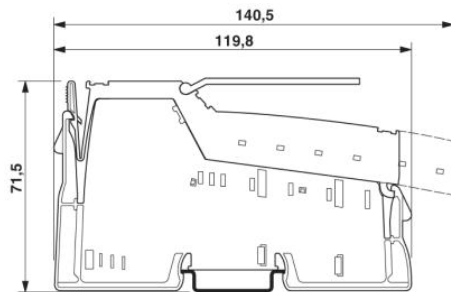
### Connection diagram

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### Dimensioned drawing

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