IB IL INC-PAC

Order No.: 2861849

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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

Product notes
WEEE/RoHS-compliant since: 11/26/2007

Commercial data

GTIN (EAN)	4 017918 894542
sales group	K413
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 220 (AX-2011)

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Technical data

Interfaces

Interface	Inline local bus
Connection method	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

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

Literature

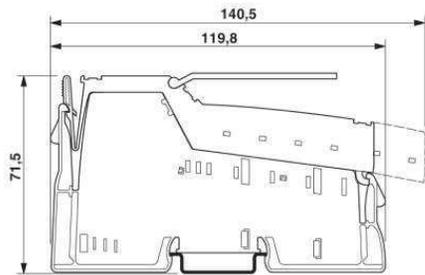| 2698478	IB IL INC UM	User Manual, German, for Inline positioning terminals
2698481	IB IL INC UM E	User Manual, English, for Inline positioning terminals

Marking

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

Diagrams/Drawings

Connection diagram
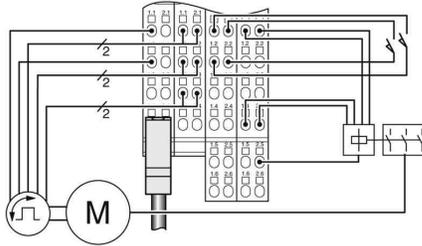
Dimensioned drawing

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