



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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IB IL INC-IN-PAC

Order No.: 2861755



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2861755>

Inline measurement terminal for position encoder, complete with accessories (connector and labeling field), 1 input for incremental encoder with rectangular signal (symmetrical or asymmetrical), 3 digital inputs 24 V DC, 3-conductor connection system

Commercial data	
GTIN (EAN)	4  017918 899912
sales group	K413
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 303 (AX-2009)

Product notes

WEEE/RoHS-compliant since:
12/12/2008



<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

Typical current consumption	70 mA
I/O voltage	24 V AC (via voltage jumper)
Encoder supply voltage	5 V DC
	24 V DC
Encoder supply current	max. 250 mA
Drawing encoder supply voltage	Main circuit U_M

Electrical isolation

Test section	7.5 V supply (bus logics), I/O 500 V AC 50 Hz 1 min
	7.5 V supply (bus logics), functional earth ground 500 V AC 50 Hz 1 min
	24 V supply (I/O) / functional earth ground 500 V AC 50 Hz 1 min

Incremental encoder input

Number of inputs	1
Input frequency (24 V)	0 Hz ... 300 kHz
Input frequency (5 V)	0 kHz ... 300 kHz
Encoder signals	Symmetrical and asymmetrical encoders

Inputs

Number of inputs	3
Connection method	3-conductor

General data

Weight	143 g
Width	24.4 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. 70 mA
Current consumption from U_M	max. 1 A
	Typ. 340 mA

Certificates / Approvals



Certification

CUL Listed, GOST, UL Listed

Accessories

Item	Designation	Description
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Marking

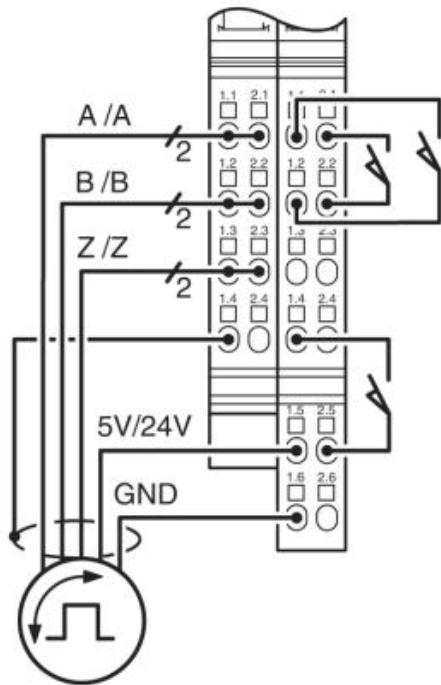
0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm

Plug/Adapter

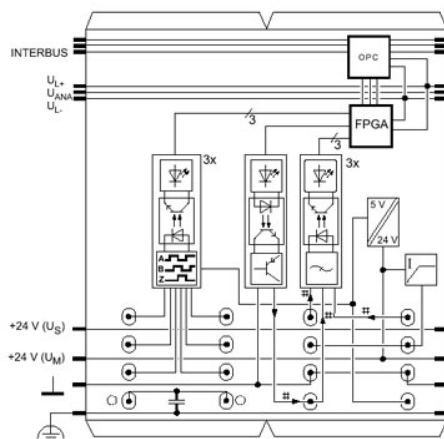
2727611	IB IL SCN-12-ICP	Connector, color coded, for digital 4, or 16-channel Inline input terminals
2726353	IB IL SCN-6 SHIELD	Inline shield connector

Diagrams/Drawings

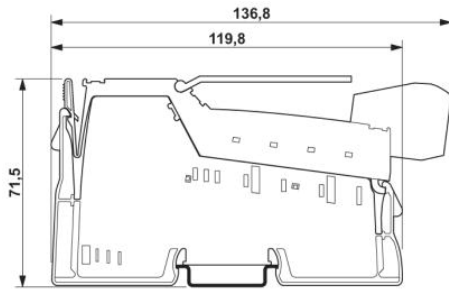
Connection diagram



Block diagram



Dimensioned drawing



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