



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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# IBS IL 24 BK-LK-2MBD


Order No.: 2855745



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2855745>

INTERBUS bus coupler, with fiber optic connection, 24 V DC, transmission speed 2 MBaud, without accessories



Commercial data	
GTIN (EAN)	 4 017918 821876
sales group	K410
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 40 (AX-2007)

## Product notes

WEEE/RoHS-compliant since:  
02/23/2009



<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

General data	
Width	85 mm
Height	119.8 mm
Depth	71.5 mm
Weight	220 g

Mounting type	DIN rail
Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	75 % ... 85 %
Permissible humidity (storage/transport)	75 % ... 85 %
Air pressure (operation)	80 kPa ... 106 kPa (up to 3000 m above sea level)
Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Degree of protection	IP20
Test section	7.5 V logics supply, 24 V analog supply, 24 V bus terminal module supply/functional earth ground 500 V AC 50 Hz 1 min

#### Interface

Fieldbus system	Lokalbus
Name	Inline local bus
Type of connection	Inline data jumper
Transmission speed	2 MBaud
Fieldbus system	INTERBUS
Name	INTERBUS remote bus
Type of connection	4x F-SMA connector
Transmission speed	2 MBit/s
Transmission physics	FO
Name	Supply
Type of connection	8-pos. Inline connector

#### Power supply for module electronics

Type of connection	Inline connectors
Supply voltage	24 V DC (via Inline connector)
Supply voltage range	19.2 V DC ... 30 V DC (including ripple)
Current consumption	max. 1.25 A (with max. number of connected I/O terminal blocks)

#### Inline potential routing

Communications power $U_L$	7.5 V DC $\pm 5\%$
Power supply at $U_L$	max. 2 A DC (observe derating)
I/O supply voltage $U_{ANA}$	24 V DC -15% / +20%
Power supply at $U_{ANA}$	max. 0.5 A DC (observe derating)

## Certificates / Approvals



Certification

CUL Listed, UL Listed

## Accessories

Item	Designation	Description
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### Assembly

1201442	E/UK	End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail
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### Marking

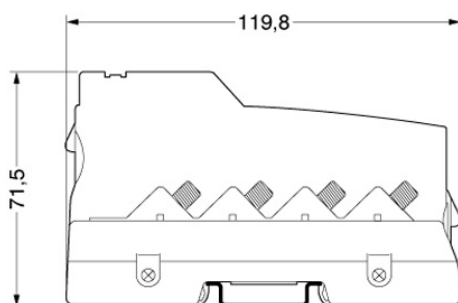
0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm

### Plug/Adapter

2727462	IB IL SCN-PWR IN	Connector, for Inline power and segment terminal blocks
2727637	IB IL SCN-PWR IN-CP	Connector, colored, for Inline power and segment terminal blocks

## Diagrams/Drawings

Dimensioned drawing



**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



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