



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

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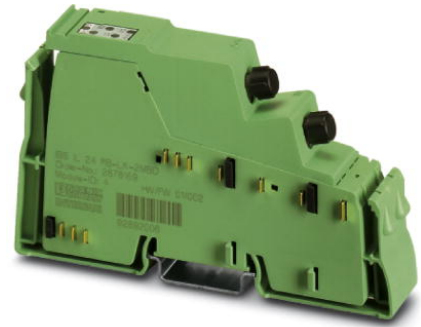
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



**IBS IL 24 RB-LK-2MBD**

Order No.: 2878159

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2878159>INTERBUS FO branch terminal block, without accessories,  
transmission speed 2 MBaud, with remote bus branch, 24 V DC**Commercial data**

GTIN (EAN)	 4 046356 048491
sales group	K410
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 249 (AX-2009)

**Product notes**WEEE/RoHS-compliant since:  
01/14/2008

<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****Interface**

Name	INTERBUS remote bus branch
Type of connection	FSMA plugs
Transmission speed	2 MBit/s
Transmission physics	FO

Name	Inline local bus
Type of connection	Inline data jumper
Transmission speed	2 MBit/s
Transmission physics	Copper

**Inline potential routing**

Current consumption from $U_{ANA}$	Typ. 47 mA
	max. 57 mA

**General data**

Width	24.4 mm
Height	119.8 mm
Depth	71.5 mm
Weight	89 g
Mounting type	DIN rail
Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	75 % (On average, 85% occasionally)
Permissible humidity (storage/transport)	75 % (On average, 85% occasionally)
Air pressure (operation)	80 kPa ... 106 kPa (up to 2000 m above sea level)
Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Degree of protection	IP20
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

Test section	5 V supply, incoming remote bus, electrically isolated from 5 V supply, outgoing remote bus 500 V AC 50 Hz 1 min
	5 V supply, incoming remote bus, electrically isolated from 7.5 V logics supply, 24 V analog supply, 24 V bus terminal module supply, 5 V logics supply branch terminal block 500 V AC 50 Hz 1 min
	5 V supply, incoming remote bus, electrically isolated from 24 V main supply, 24 V segment supply 500 V AC 50 Hz 1 min
	5 V supply incoming remote bus / functional earth ground 500 V AC 50 Hz 1 min
	5 V supply, outgoing remote bus, electrically isolated from 5 V supply, incoming remote bus 500 V AC 50 Hz 1 min
	5 V supply, outgoing remote bus, electrically isolated from 7.5 V logics supply, 24 V analog supply, 24 V bus terminal module supply, 5 V logics supply branch terminal block 500 V AC 50 Hz 1 min
	5 V supply, outgoing remote bus, electrically isolated from 24 V main supply, 24 V segment supply 500 V AC 50 Hz 1 min
	5 V supply outgoing remote bus, electrically isolated from functional earth ground 500 V AC 50 Hz 1 min
	7.5 V logics supply, 24 V analog supply, 24 V bus terminal module supply, 5 V logics supply branch terminal block, electrically isolated from 5 V supply incoming remote bus 500 V AC 50 Hz 1 min
	7.5 V logics supply, 24 V analog supply, 24 V bus terminal module supply, 5 V logics supply branch terminal block, electrically isolated from 5 V supply outgoing remote bus 500 V AC 50 Hz 1 min
	7.5 V logics supply, 24 V analog supply, 24 V bus terminal module supply, 5 V logics supply branch terminal block, electrically isolated from 24 V main supply, 24 V segment supply 500 V AC 50 Hz 1 min
	7.5 V logics supply, 24 V analog supply, 24 V bus terminal module supply, 5 V logics supply branch terminal block electrically isolated from functional earth ground 500 V AC 50 Hz 1 min
	24 V main supply, 24 V segment supply, electrically isolated from 5 V supply, incoming remote bus 500 V AC 50 Hz 1 min
	24 V main supply, 24 V segment supply, electrically isolated from 5 V supply, outgoing remote bus 500 V AC 50 Hz 1 min
	24 V main supply, 24 V segment supply, electrically isolated from 7.5 V logics supply, 24 V analog supply, 24 V bus terminal module supply, 5 V logics supply branch terminal block 500 V AC 50 Hz 1 min
	24 V main supply, 24 V segment supply, electrically isolated from functional earth ground 500 V AC 50 Hz 1 min

**Certificates / Approvals**



Certification

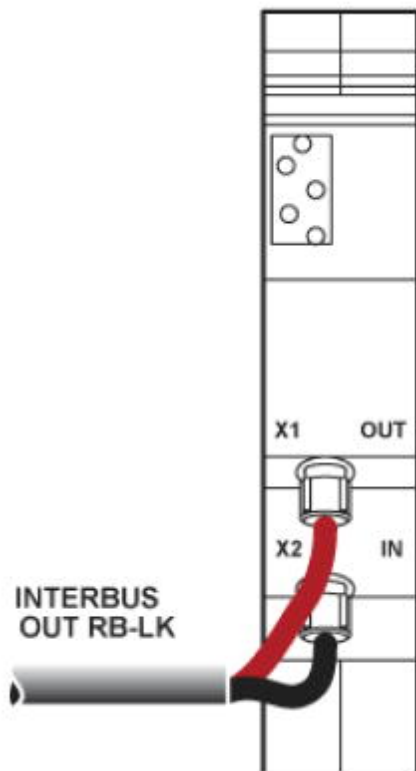
CUL, UL

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**Diagrams/Drawings**

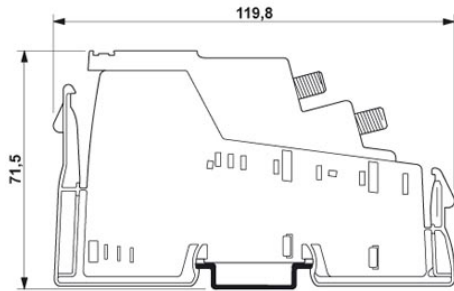
Connection diagram

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Dimensioned drawing

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