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

PHŒNIX
CONTACT

Bus coupler - IBS IL 24 BK RB-LK-PAC - 2861506

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)

INTERBUS bus coupler, with fiber optic connection and fiber optic remote bus branch, 24 V DC, complete with accessories (plug and labeling field)

Product Features

☑ Remote bus connections using fiber optic technology

☑ Optical path diagnostics

INTERBUS

Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	335.0 GRM
Custom tariff number	85389091
Country of origin	Germany

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area

Dimensions

Width	85 mm
Height	119.8 mm
Depth	71.5 mm

Ambient conditions

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 %

Bus coupler - IBS IL 24 BK RB-LK-PAC - 2861506

Technical data

Ambient conditions

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

General

Weight	235 g
Note on weight specifications	Without plug
Mounting type	DIN rail
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

Interfaces

Fieldbus system	INTERBUS
Designation	INTERBUS
Connection method	6x F-SMA connector
Transmission speed	500 kBit/s
Transmission physics	FO
Fieldbus system	Lokalbus
Designation	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kBit/s
Transmission physics	FO
Designation	Supply
Connection method	8-pos. Inline connector

System limits of the bus coupler

Number of local bus devices that can be connected	63
Number of devices with parameter channel	62
Number of branch terminals with remote bus branch	max. 15

Power supply for module electronics

Connection method	Inline connector
Supply voltage	24 V DC (via Inline connector)
Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Current consumption	max. 1.3 A (with max. number of connected I/O terminal blocks)

Inline potentials

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

Bus coupler - IBS IL 24 BK RB-LK-PAC - 2861506

Technical data

Inline potentials

Power supply at U_{ANA}	max. 0.5 A DC (observe derating)

Classifications

eCl@ss

eCl@ss 4.0	27250203
eCl@ss 4.1	27250203
eCl@ss 5.0	27250203
eCl@ss 5.1	27242608
eCl@ss 6.0	27242608
eCl@ss 7.0	27242608
eCl@ss 8.0	27242608

ETIM

ETIM 2.0	EC001434
ETIM 3.0	EC001604
ETIM 4.0	EC001604
ETIM 5.0	EC001604

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Approvals

Approvals

Approvals

GOST

Ex Approvals

Approvals submitted
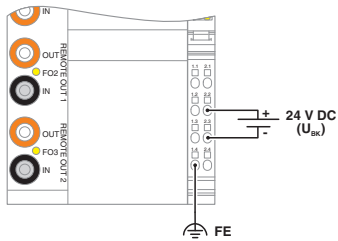
Bus coupler - IBS IL 24 BK RB-LK-PAC - 2861506
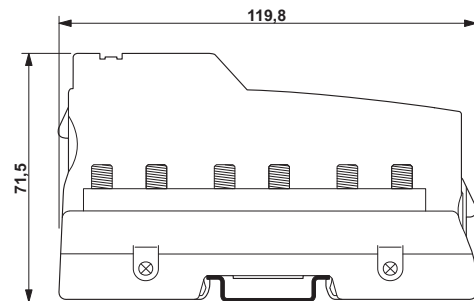
Approvals

Approval details

GOST

Drawings

Connection diagram

24 V DC
(U_BK)

FE

Dimensioned drawing

119,8
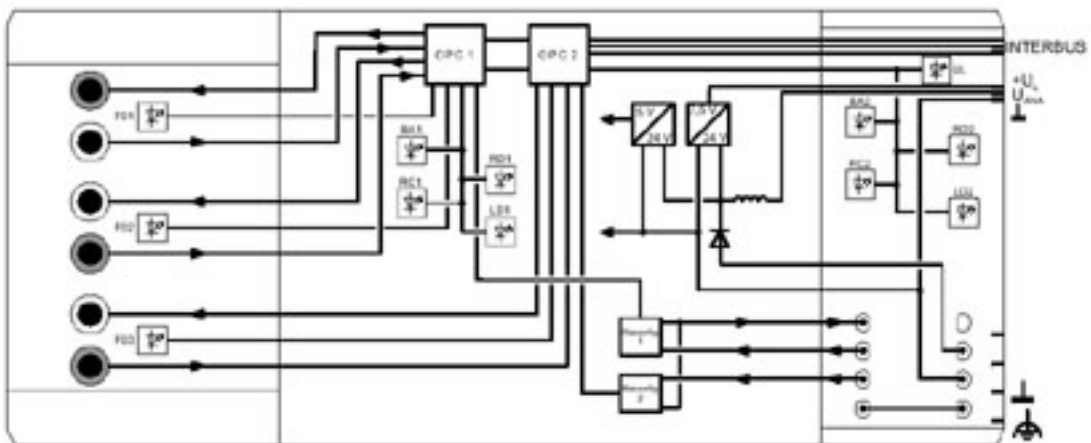
71,5

Block diagram

Bus coupler - IBS IL 24 BK RB-LK-PAC - 2861506

Catalog photo

Figure may contain other products.