

IBS RL 24 BK RB-LK-LK-2MBD - Bus coupler



2731597

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Bus coupler with remote branch for INTERBUS; fiber-optic technology with 2 Mbaud, rugged metal housing with IP67 degree of protection, tool-free mounting on a separate mounting panel, can be used directly on welding robots



The figure shows version IBS RL 24 BK RB-LK-LK

Your advantages

- Rugged metal housing
- Comprehensive diagnostic functions
- M12 connector for I/O devices
- Rugged Line connector for INTERBUS, either with fiber optic or twisted pair, and supply voltage

Commercial data

Item number	2731597
Packing unit	1 pc
Sales key	DR03
Product key	DRI511
GTIN	4017918185732
Weight per piece (including packing)	778.1 g
Weight per piece (excluding packing)	610 g
Customs tariff number	85176200
Country of origin	DE

Technical data

Dimensions

Width	179 mm
Height	67 mm
Depth	71 mm

Interfaces

INTERBUS

Connection method	IP67-RL connector with FO connection
Transmission speed	2 Mbps

System properties

Module

ID code (dec.)	0C
ID code (hex)	12
Length code (hex)	0
Length code (dec)	0
Process data channel	0 bit
Input address area	0 Byte
Output address area	0 Byte
Register length	0 bit

Product properties

Product type	I/O component
Product family	Ruggedline
Type	Block design

Electrical properties

Supply: Module electronics

Supply voltage	24 V DC
Supply voltage range	18.5 V DC ... 32 V DC (including ripple)
Ripple	Max 3.6 V _{SS} within the permissible voltage range

Connection data

Connection method	Fiber optic
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	0 °C ... 55 °C
Degree of protection	IP65/IP67
Air pressure (operation)	860 hPa ... 1080 hPa (up to 1500 m above sea level)

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Air pressure (storage/transport)	660 hPa ... 1080 hPa (up to 3500 m above sea level)
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Permissible humidity (operation)	100 %
Permissible humidity (storage/transport)	95 % (non-condensing)

Standards and regulations

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)
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Air clearances and creepage distances

Air clearances and creepage distances	in accordance with EN 50178: 1998
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Mounting

Mounting type	on mounting panel
	Panel mounting

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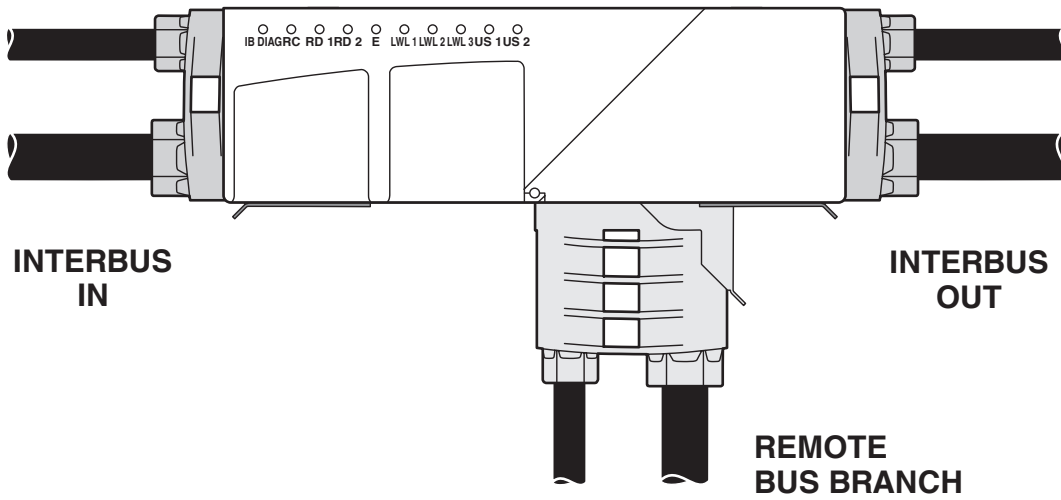


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Drawings

Connection diagram



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Classifications

UNSPSC

UNSPSC 21.0	32151600
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
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