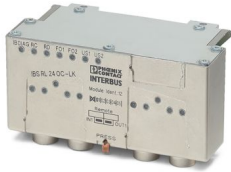


# IBS RL 24 OC-LK-2MBD - Monitoring block

2732499

<https://www.phoenixcontact.com/us/products/2732499>

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The figure shows version IBS RL 24 OC-LK

Repeater for signal monitoring and amplification for INTERBUS; fiber optic technology with 2 Mbaud, divides the system into segments and enables individual branches to be switched off during operation

## 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	2732499
Packing unit	1 pc
Sales key	DR03
Product key	DRI516
GTIN	4017918187095
Weight per piece (including packing)	712.7 g
Weight per piece (excluding packing)	640 g
Customs tariff number	85176200
Country of origin	DE

## Technical data

### Dimensions

Width	127 mm
Height	67 mm
Depth	71 mm

### Interfaces

#### INTERBUS

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

### System properties

#### Programming data

Length code (hex)	0
ID code (dec.)	0C
Length code (dec)	0
Process data channel	0 bit
Input address area	0 Byte
Output address area	0 Byte
Parameter channel (PCP)	0 Byte
Register length (bus)	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 <sub>SS</sub> 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

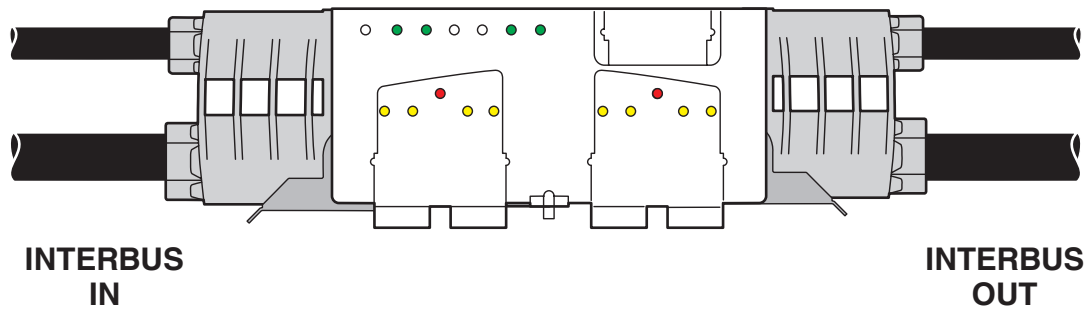
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## Drawings

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	6(a), 6(a)-I, 7(a), 7(c)-I

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

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