

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



2732499

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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
Minimum order quantity	1 pc
Sales key	DRI
Product key	DRI516
Catalog page	Page 327 (C-8-2013)
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

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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

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

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

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
	Wall mounting

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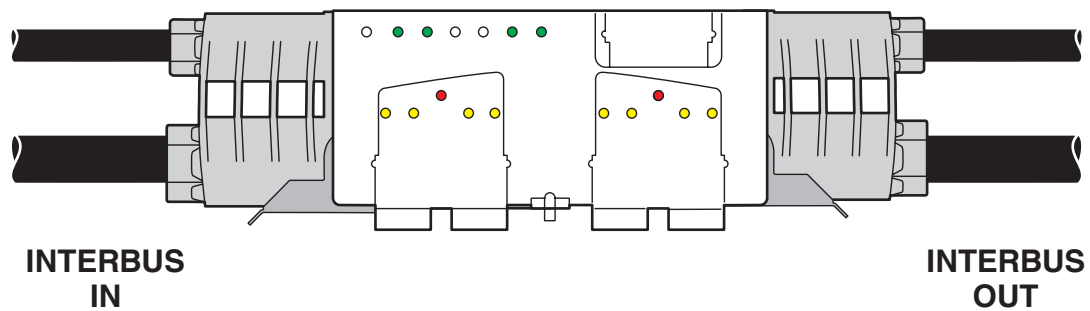
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Drawings

Connection diagram



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Approvals

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 cUL Recognized Approval ID: FILE E 140324				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	24 V	0.08 A	-	-

 UL Recognized Approval ID: FILE E 140324				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	24 V	0.08 A	-	-

INTERBUS CLUB Approval ID: 371/25.03.02				
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cULus Recognized				
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Classifications

ECLASS

ECLASS-11.0	27242608
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ETIM

ETIM 8.0	EC001604
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UNSPSC

UNSPSC 21.0	32151600
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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