# IBS OPTOSUB-MA/M/R-LK-OPC-2MBD - FO converters

2731458

https://www.phoenixcontact.com/us/products/2731458

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INTERBUS fiber optic converter for converting the remote OUT interface to fiber optics, correction of the optical transmission capacity, transmission speed of 2 Mbaud, FO output right

## Product description

Modules IBS OPTOSUB-MA/M/R-LK-OPC (-500KBD and -2MBD) convert the INTERBUS remote interface to polymer fiber.
Using this converter, you can equip an INTERBUS controller board with an FO interface. Contrary to other converters, this interface is able to regulate the optical signals automatically and is better able to perform diagnostics on the bus line (optical path diagnostics).
The converter is a bus device, since it is fitted with an INTERBUS protocol chip (OPC).

## Your advantages

- Transmission speed of 2 Mbaud
- INTERBUS fiber optics converter

## Commercial data

| | |
|---|---|
| Item number | 2731458 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | DR14 |
| Product key | DREDDA |
| GTIN | 4017918411923 |
| Weight per piece (including packing) | 53.4 g |
| Weight per piece (excluding packing) | 47.74 g |
| Customs tariff number | 85176200 |
| Country of origin | DE |

# Technical data

## Notes

Note on application

| | |
|---|---|
| Note on application | Only for industrial use |

## Product properties

| | |
|---|---|
| Product type | Media converter |

## Interfaces

| | |
|---|---|
| Signal | INTERBUS |

Data: optical FO

| | |
|---|---|
| Connection method | F-SMA |
| Wavelength | 660 nm |
| Transmission medium | FO |

Data: Incoming remote bus

| | |
|---|---|
| Bus system | INTERBUS |
| Transmission speed | 2 Mbps |
| Connection method | D-SUB 9 plug |
| No. of channels | 1 |
| Transmission length | 35 m (50 m system without optical path diagnostics) |
| | 50 m (70 m system with optical path diagnostics) |

## Dimensions

| | |
|---|---|
| Width | 65 mm |
| Height | 16 mm |
| Depth | 59 mm |

## Material specifications

| | |
|---|---|
| Color | green |

## Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Degree of protection | IP20 |
| Ambient temperature (operation) | 0 °C ... 55 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27242208 |

### ETIM

| | |
|---|---|
| ETIM 9.0 | EC001423 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 32151700 |

## Environmental product compliance

EU RoHS

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|---|---|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c), 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) |
| SCIP | d25233d5-fffe-42fc-8504-c5f2d01ac8c1 |

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