

# IBS OPTOSUB-F/L-LK-OPC-2MBD - Fiber optic adapter



2878023

<https://www.phoenixcontact.com/us/products/2878023>

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INTERBUS fiber optic adapter, for converting the remote IN interface to fiber optics, FO output left, correction of the optical transmission power, 2 MBD

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2878023       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | DR14          |
| Product key                          | DREDDA        |
| GTIN                                 | 4046356048422 |
| Weight per piece (including packing) | 62.8 g        |
| Weight per piece (excluding packing) | 49.64 g       |
| Customs tariff number                | 85176200      |
| Country of origin                    | DE            |

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## Technical data

### Notes

#### Utilization restriction

|          |   |
|----------|---|
| EMC note | EMC: class A product, see manufacturer's declaration in the download area |
|----------|---|

### 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  |
| Transmission length | 35 m (50 m system without optical path diagnostics)<br>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 |

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2878023>



**cUL Recognized**  
Approval ID: FILE E 140324



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27242208 |
| ECLASS-12.0 | 27242208 |
| ECLASS-13.0 | 27242208 |

### ETIM

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

### UNSPSC

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

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## Environmental product compliance

|            |  |
|------------|--|
| REACH SVHC | Lead 7439-92-1   |
| China RoHS | Environmentally Friendly Use Period = 50 years   |
|            | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

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