

## 阅读申明

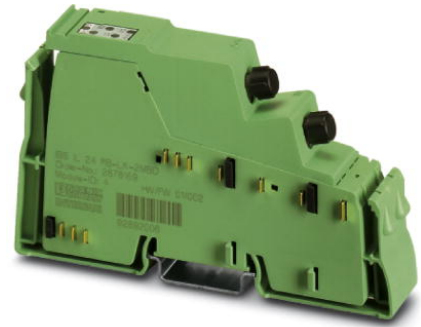
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# IBS IL 24 RB-LK-2MBD


Order No.: 2878159



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2878159>

INTERBUS FO branch terminal block, without accessories, transmission speed 2 MBaud, with remote bus branch, 24 V DC



| Commercial data          |  |
|--------------------------|--|
| GTIN (EAN)               | <br>4 046356 048491 |
| sales group              | K410   |
| Pack                     | 1 pcs.   |
| Customs tariff           | 85389091   |
| Catalog page information | Page 249 (AX-2009)   |

### Product notes

WEEE/RoHS-compliant since:  
01/14/2008



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

## Technical data

### Interface

|                      |                            |
|----------------------|----------------------------|
| Name                 | INTERBUS remote bus branch |
| Type of connection   | F SMA plugs                |
| Transmission speed   | 2 MBit/s                   |
| Transmission physics | FO                         |

|                      |                    |
|----------------------|--------------------|
| Name                 | Inline local bus   |
| Type of connection   | Inline data jumper |
| Transmission speed   | 2 MBit/s           |
| Transmission physics | Copper             |

#### Inline potential routing

|                                    |            |
|------------------------------------|------------|
| Current consumption from $U_{ANA}$ | Typ. 47 mA |
|                                    | max. 57 mA |

#### General data

|  |   |
|--|---|
| Width                                    | 24.4 mm   |
| Height                                   | 119.8 mm  |
| Depth                                    | 71.5 mm   |
| Weight                                   | 89 g  |
| Mounting type                            | DIN rail  |
| Ambient temperature (operation)          | -25 °C ... 55 °C                                  |
| Ambient temperature (storage/transport)  | -25 °C ... 85 °C                                  |
| Permissible humidity (operation)         | 75 % (On average, 85% occasionally)               |
| Permissible humidity (storage/transport) | 75 % (On average, 85% occasionally)               |
| Air pressure (operation)                 | 80 kPa ... 106 kPa (up to 2000 m above sea level) |
| Air pressure (storage/transport)         | 70 kPa ... 106 kPa (up to 3000 m above sea level) |
| Degree of protection                     | IP20  |
| Protection class                         | III, IEC 61140, EN 61140, VDE 0140-1              |

|              |  |
|--------------|--|
| Test section | 5 V supply, incoming remote bus, electrically isolated from 5 V supply, outgoing remote bus 500 V AC 50 Hz 1 min   |
|              | 5 V supply, incoming remote bus, electrically isolated from 7.5 V logics supply, 24 V analog supply, 24 V bus terminal module supply, 5 V logics supply branch terminal block 500 V AC 50 Hz 1 min       |
|              | 5 V supply, incoming remote bus, electrically isolated from 24 V main supply, 24 V segment supply 500 V AC 50 Hz 1 min   |
|              | 5 V supply incoming remote bus / functional earth ground 500 V AC 50 Hz 1 min  |
|              | 5 V supply, outgoing remote bus, electrically isolated from 5 V supply, incoming remote bus 500 V AC 50 Hz 1 min   |
|              | 5 V supply, outgoing remote bus, electrically isolated from 7.5 V logics supply, 24 V analog supply, 24 V bus terminal module supply, 5 V logics supply branch terminal block 500 V AC 50 Hz 1 min       |
|              | 5 V supply, outgoing remote bus, electrically isolated from 24 V main supply, 24 V segment supply 500 V AC 50 Hz 1 min   |
|              | 5 V supply outgoing remote bus, electrically isolated from functional earth ground 500 V AC 50 Hz 1 min  |
|              | 7.5 V logics supply, 24 V analog supply, 24 V bus terminal module supply, 5 V logics supply branch terminal block, electrically isolated from 5 V supply incoming remote bus 500 V AC 50 Hz 1 min        |
|              | 7.5 V logics supply, 24 V analog supply, 24 V bus terminal module supply, 5 V logics supply branch terminal block, electrically isolated from 5 V supply outgoing remote bus 500 V AC 50 Hz 1 min        |
|              | 7.5 V logics supply, 24 V analog supply, 24 V bus terminal module supply, 5 V logics supply branch terminal block, electrically isolated from 24 V main supply, 24 V segment supply 500 V AC 50 Hz 1 min |
|              | 7.5 V logics supply, 24 V analog supply, 24 V bus terminal module supply, 5 V logics supply branch terminal block electrically isolated from functional earth ground 500 V AC 50 Hz 1 min                |
|              | 24 V main supply, 24 V segment supply, electrically isolated from 5 V supply, incoming remote bus 500 V AC 50 Hz 1 min   |
|              | 24 V main supply, 24 V segment supply, electrically isolated from 5 V supply, outgoing remote bus 500 V AC 50 Hz 1 min   |
|              | 24 V main supply, 24 V segment supply, electrically isolated from 7.5 V logics supply, 24 V analog supply, 24 V bus terminal module supply, 5 V logics supply branch terminal block 500 V AC 50 Hz 1 min |
|              | 24 V main supply, 24 V segment supply, electrically isolated from functional earth ground 500 V AC 50 Hz 1 min   |

### Certificates / Approvals



Certification

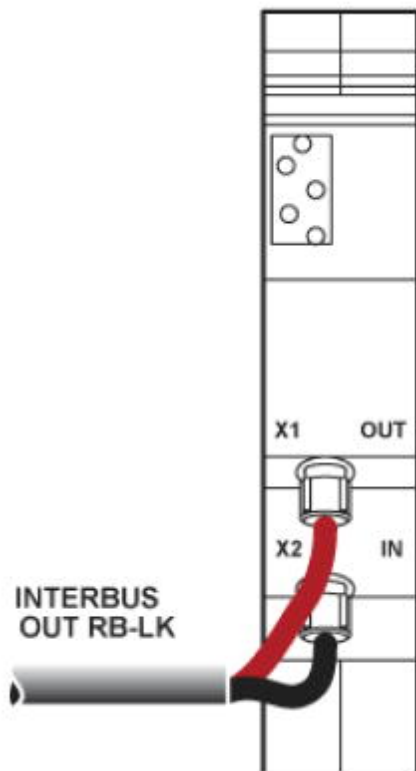
CUL, UL

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### Diagrams/Drawings

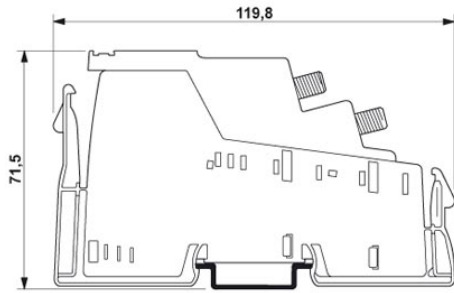
Connection diagram

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Dimensioned drawing

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