

ILB IB 24 DI16-DSUB


Order No.: 2878421



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2878421>


Inline Block IO digital input module, INTERBUS, 16 inputs, 24 V DC, 2, 3-wire connection technology



| Commercial data | |
|--------------------------|---|
| GTIN (EAN) |  4 046356 048569 |
| Note | Made-to-order |
| sales group | K440 |
| Pack | 1 pcs. |
| Customs tariff | 85389091 |
| Catalog page information | Page 152 (AX-2011) |

Product notes

WEEE/RoHS-compliant since:
11/26/2007



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| Technical data | |
|--------------------|-------------------------------------|
| General data | |
| Width | 95 mm |
| Height | 140.5 mm |
| Depth | 57 mm |
| Note on dimensions | Specifications with male connectors |

| | |
|--|--|
| Weight | 254 g |
| Note on weight specifications | with male connectors |
| Mounting type | DIN rail |
| Ambient temperature (operation) | -25 °C ... 60 °C |
| Ambient temperature (storage/transport) | -25 °C ... 85 °C |
| Permissible humidity (operation) | max. 85 % ((no condensation)) |
| Permissible humidity (storage/transport) | 95 % (no condensation) |
| Air pressure (operation) | 80 kPa ... 108 kPa (up to 2000 m above mean sea level) |
| Air pressure (storage/transport) | 66 kPa ... 108 kPa (up to 3500 m above mean sea level) |
| Degree of protection | IP20 |
| Protection class | III, IEC 61140, EN 61140, VDE 0140-1 |
| Noise emission | Class B (residential) |
| Mechanical tests | Vibration resistance in acc. with IEC 60068-2-6 5g |
| | Shock test in acc. with IEC 60068-2-27 25g |
| | Shock in acc. with IEC 60068-2-27:1997 25g |
| | Shock test in acc. with IEC 60068-2-27 25g |

Interface

| | |
|--------------------|-----------------------------|
| Fieldbus system | INTERBUS |
| Name | INTERBUS remote bus |
| Connection method | D-SUB-9 female/D-SUB-9 male |
| Transmission speed | 500 kBaud |
| | 500 kBit/s |

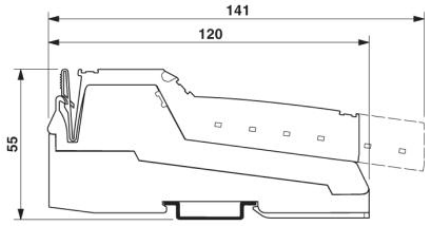
Power supply for module electronics

| | |
|----------------------|--|
| Supply voltage | 24 V DC |
| Supply voltage range | 19.2 V DC ... 30 V DC (including all tolerances, including ripple) |
| Supply current | 60 mA |
| Current consumption | Approx. 60 mA |

Digital inputs

| | |
|--------------------------|------------------------|
| Input name | Digital inputs |
| Description of the input | EN 61131-2 type 1 |
| Connection method | Spring-cage connection |
| | 2, 3-wire |
| Number of inputs | 16 |
| Typical response time | Approx. 500 µs |

Dimensioned drawing



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