

# IB L2 BOX 24 DI 4/4 M12 - I/O module



2731982

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Digital input module, 4 digital inputs, 24 V DC, 4-conductor connection technology, IP65/IP67 degree of protection

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2731982                        |
| Packing unit                         | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | DN16                           |
| Product key                          | DRIA33                         |
| GTIN                                 | 4017918171339                  |
| Weight per piece (including packing) | 192.8 g                        |
| Weight per piece (excluding packing) | 192.8 g                        |
| Customs tariff number                | 85389091                       |
| Country of origin                    | DE                             |

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## Technical data

### Electrical properties

#### Supply

|                             |                               |
|-----------------------------|-------------------------------|
| I/O voltage                 | 24 V DC (via INTERBUS-Loop 2) |
| I/O voltage range           | 19.2 V DC ... 30 V DC         |
| Residual ripple             | ± 1.2 V DC                    |
| Typical current consumption | 40 mA (from INTERBUS-Loop 2)  |

### Input data

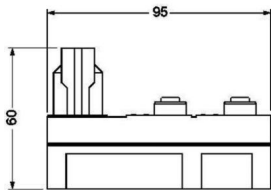
#### Digital

|                                   |                   |
|-----------------------------------|-------------------|
| Number of inputs                  | 4                 |
| Input voltage                     | 24 V DC           |
| Input voltage range "0" signal    | 0 V ... 5 V       |
| Input voltage range "1" signal    | 13 V ... 30 V     |
| Connection technology             | 4-conductor       |
| Typical input current per channel | 3 mA (at 24 V DC) |

### Interfaces

|                      |                         |
|----------------------|-------------------------|
| Connection method    | QUICKON fast connection |
| Transmission physics | Copper                  |

### Dimensions

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
| Length              | 60 mm  |

### Material specifications

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

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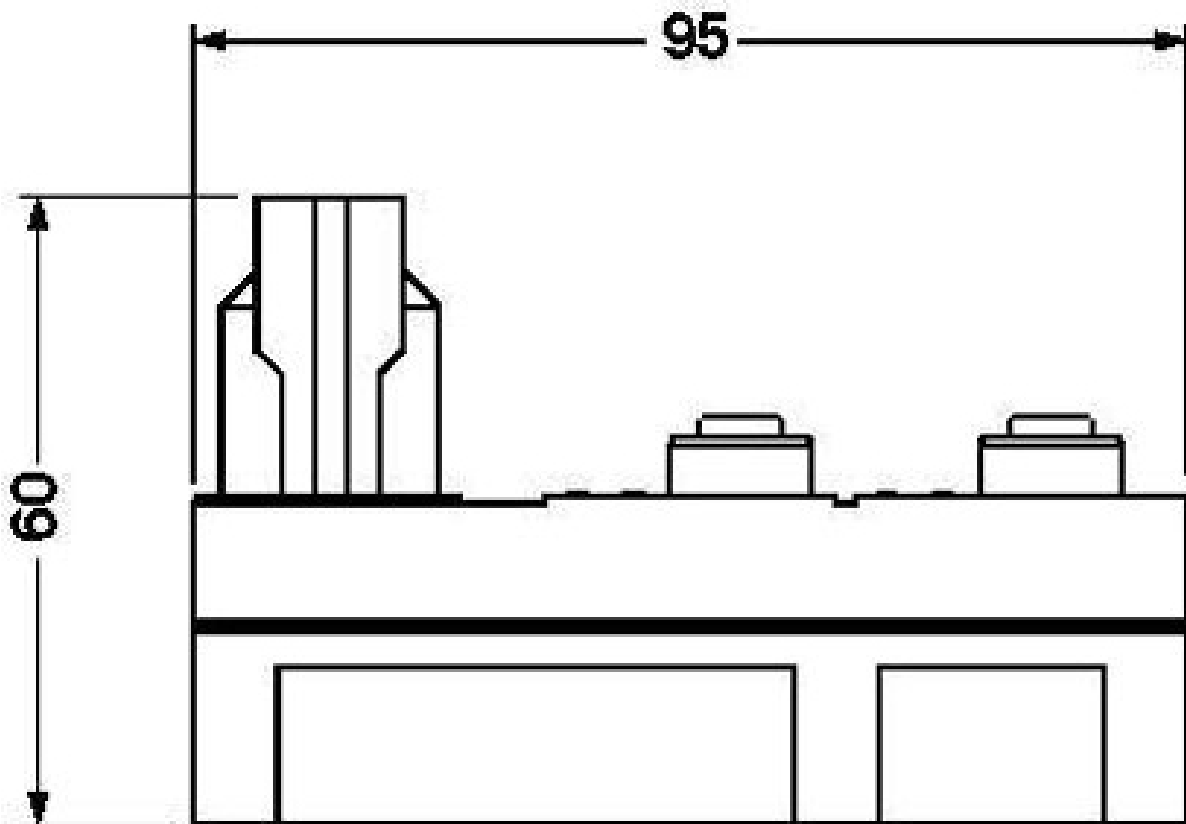
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## Drawings

### Dimensional drawing

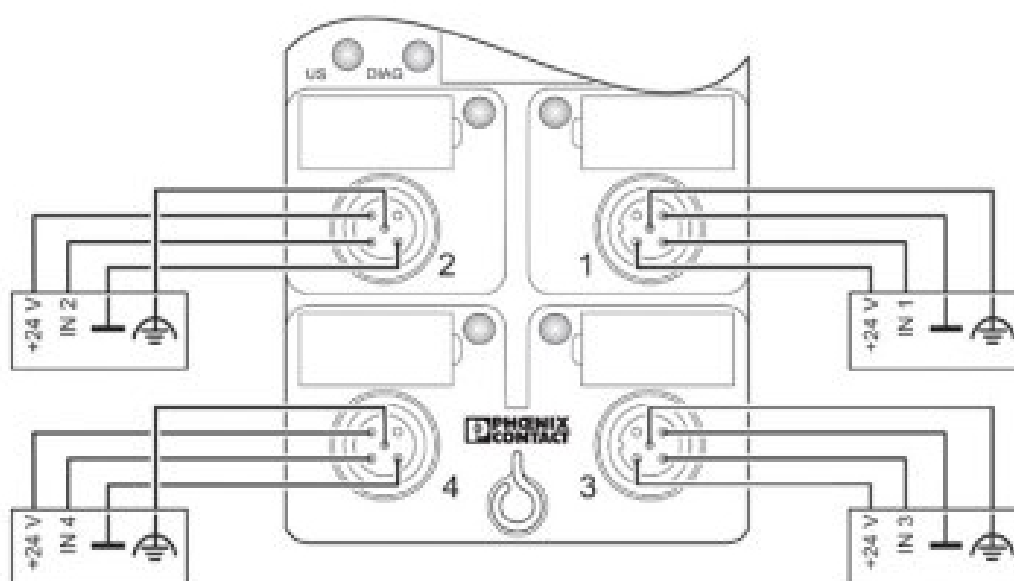


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Connection diagram



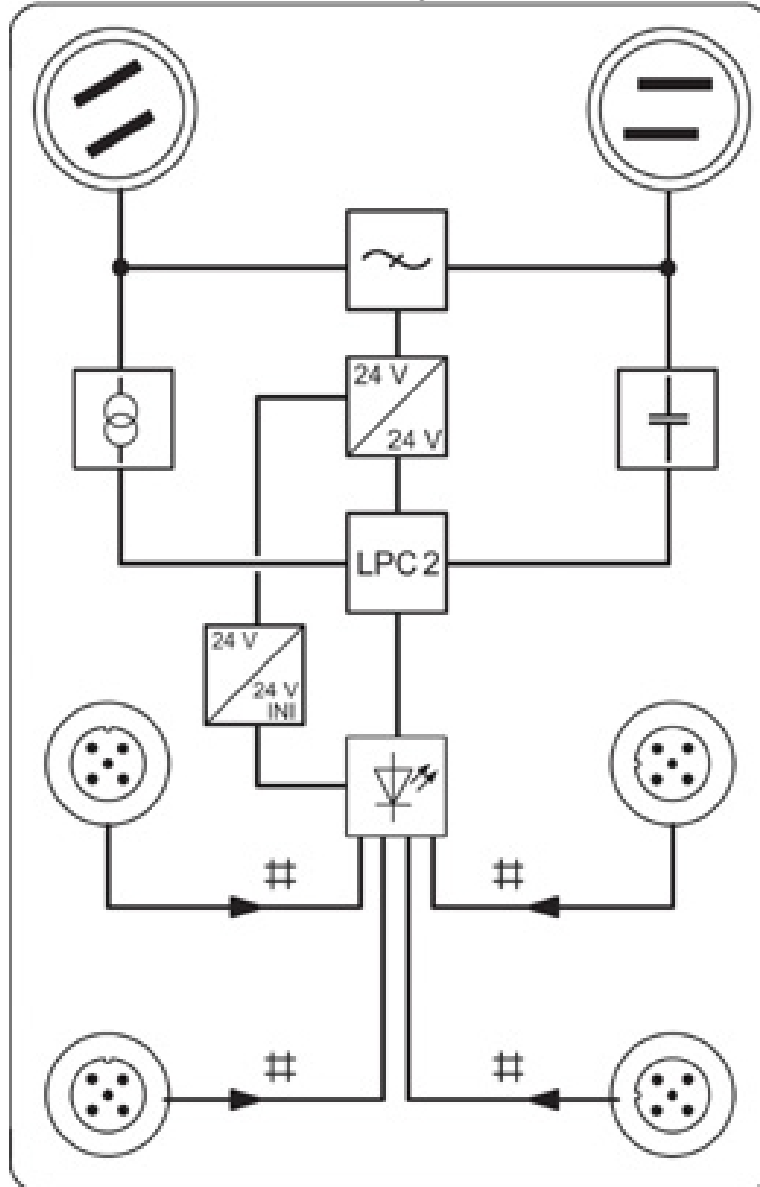
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Block diagram



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## Environmental product compliance

### China RoHS

|  |  |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|  | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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