

IBS SAB 24 DI 8/8 - Distributed I/O device



2753517

<https://www.phoenixcontact.com/us/products/2753517>

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INTERBUS sensor/actuator box, digital input module, 8 digital inputs, 24 V DC, 4-conductor connection technology, IP67 degree of protection

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2753517 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | DN16 |
| Product key | DRIA43 |
| GTIN | 4017918062811 |
| Weight per piece (including packing) | 408.5 g |
| Weight per piece (excluding packing) | 359.6 g |
| Customs tariff number | 85389091 |
| Country of origin | DE |

Technical data

Electrical properties

Supply

| | |
|-----------------------------|---|
| I/O voltage | 24 V DC 5 % (ripple) |
| I/O voltage range | 20 V DC ... 30 V DC |
| Residual ripple | ± 1.2 V DC |
| Max. current consumption | 500 mA (at 24 V DC with load) |
| Typical current consumption | 100 mA (from the installation remote bus) |

Input data

Digital

| | |
|-----------------------------------|-------------------------------------|
| Number of inputs | 8 |
| Input voltage | 24 V DC |
| Input voltage range "0" signal | -30 V DC ... 5 V DC |
| Input voltage range "1" signal | 13 V DC ... 30 V DC |
| Connection method | 5-pos. M12 sensor connector, female |
| Connection technology | 4-conductor |
| Typical input current per channel | 7 mA |

Connection data

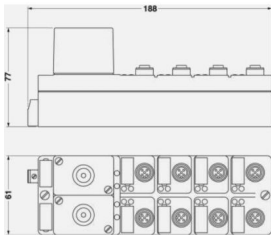
| | |
|-----------------------------------|--|
| Conductor cross-section, rigid | 0.14 mm ² ... 1.5 mm ² |
| Conductor cross-section, flexible | 0.14 mm ² ... 1.5 mm ² |
| Conductor cross-section AWG | 28 ... 16 |

Interfaces

Installation remote bus

| | |
|----------------------|---------------------------------------|
| Connection method | SAB connector hood with MINI-COMBICON |
| Transmission physics | Copper |

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 61 mm |
| Height | 77 mm |
| Length | 188 mm |

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Mounting

Mounting type

Panel mounting

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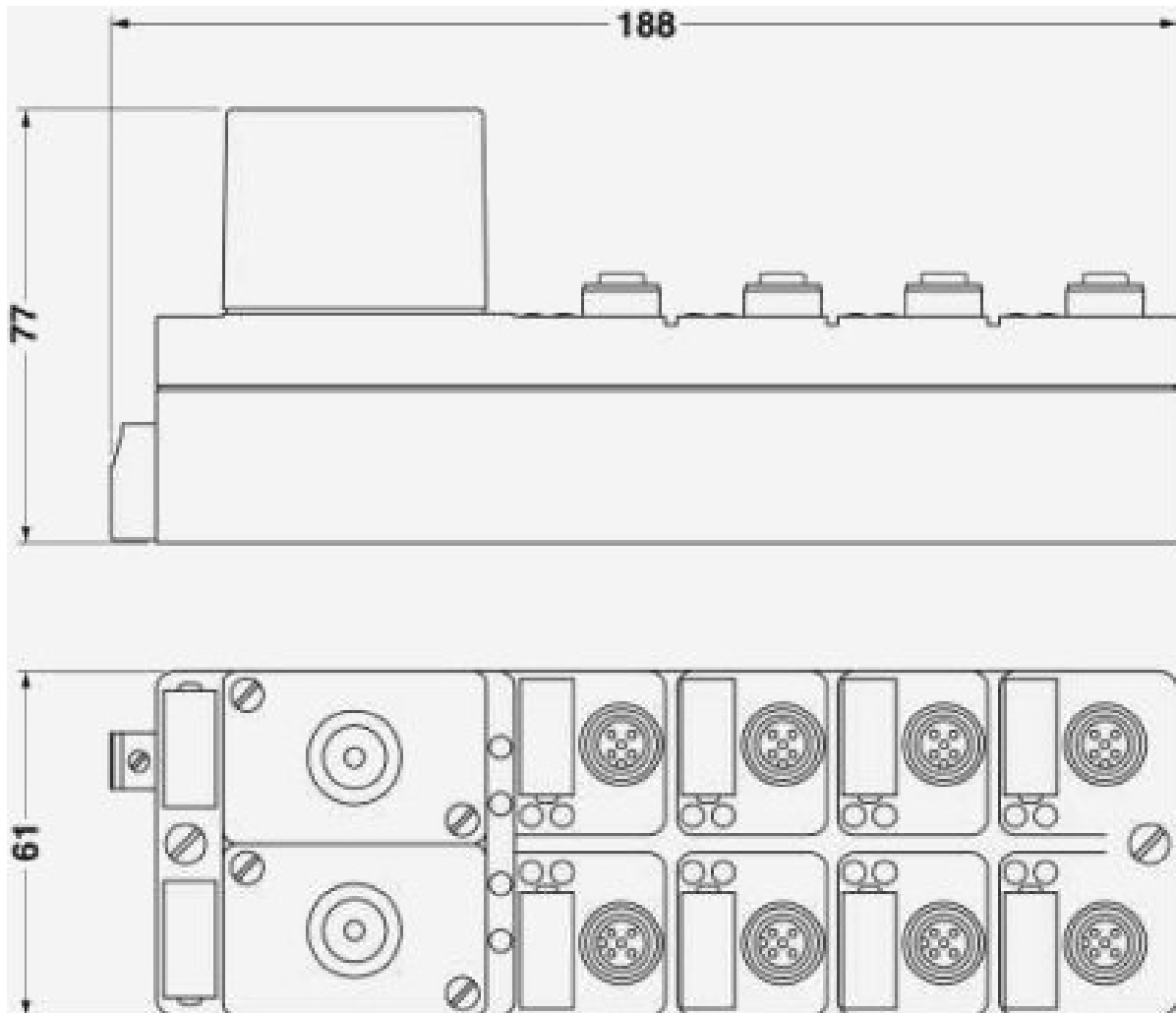


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Drawings

Dimensional drawing



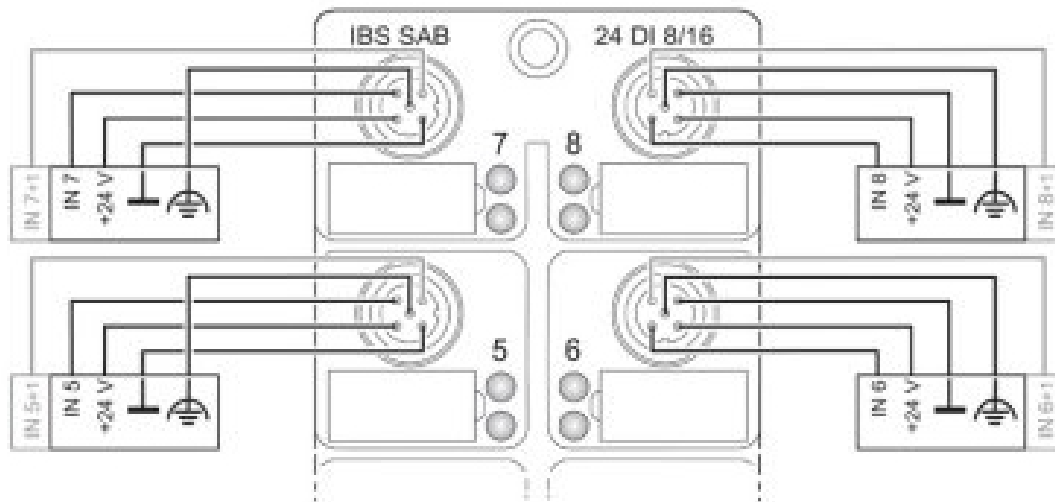
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Connection diagram



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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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