

# IBS SAB 24 DIO 4/4/2 - Distributed I/O device



2750921

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INTERBUS sensor/actuator box, digital input/output module, 4 digital inputs, 24 V DC, 4-conductor connection technology, 2 digital outputs, 24 V DC, 2 A, 3-conductor connection technology, IP67 degree of protection

The figure shows the version  
IBS SAB 24 DI 4/4

## Commercial data

Item number	2750921
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DRIA43
GTIN	4017918099244
Weight per piece (including packing)	340.5 g
Weight per piece (excluding packing)	340.5 g
Customs tariff number	85389091
Country of origin	DE

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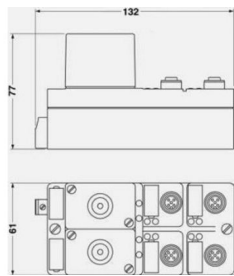


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## Technical data

### Dimensions

Dimensional drawing	
Width	61 mm
Height	77 mm
Length	132 mm

### Interfaces

Installation remote bus	
Connection method	SAB connector hood with MINI-COMBICON
Transmission speed	500 kbps
Transmission physics	Copper

### Input data

Digital	
Number of inputs	4
Input voltage range "0" signal	-30 V DC ... 5 V DC
Input voltage range "1" signal	13 V DC ... 30 V DC
Protective circuit	Reverse polarity protection
Connection method	5-pos. M12 sensor connector, female
Connection technology	4-conductor
Typical input current per channel	5 mA

### Output data

Digital	
Number of outputs	2
Output voltage	$U_S - 1 \text{ V}$
Protective circuit	Short-circuit protection

### Product properties

Product type	I/O component
Type	Stand-alone

### Electrical properties

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## Supply

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

## Connection data

Connection method	Pg9 screw connection
Conductor cross-section, rigid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section, flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section AWG	28 ... 16

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65/IP66
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## Mounting

Mounting type	Panel mounting
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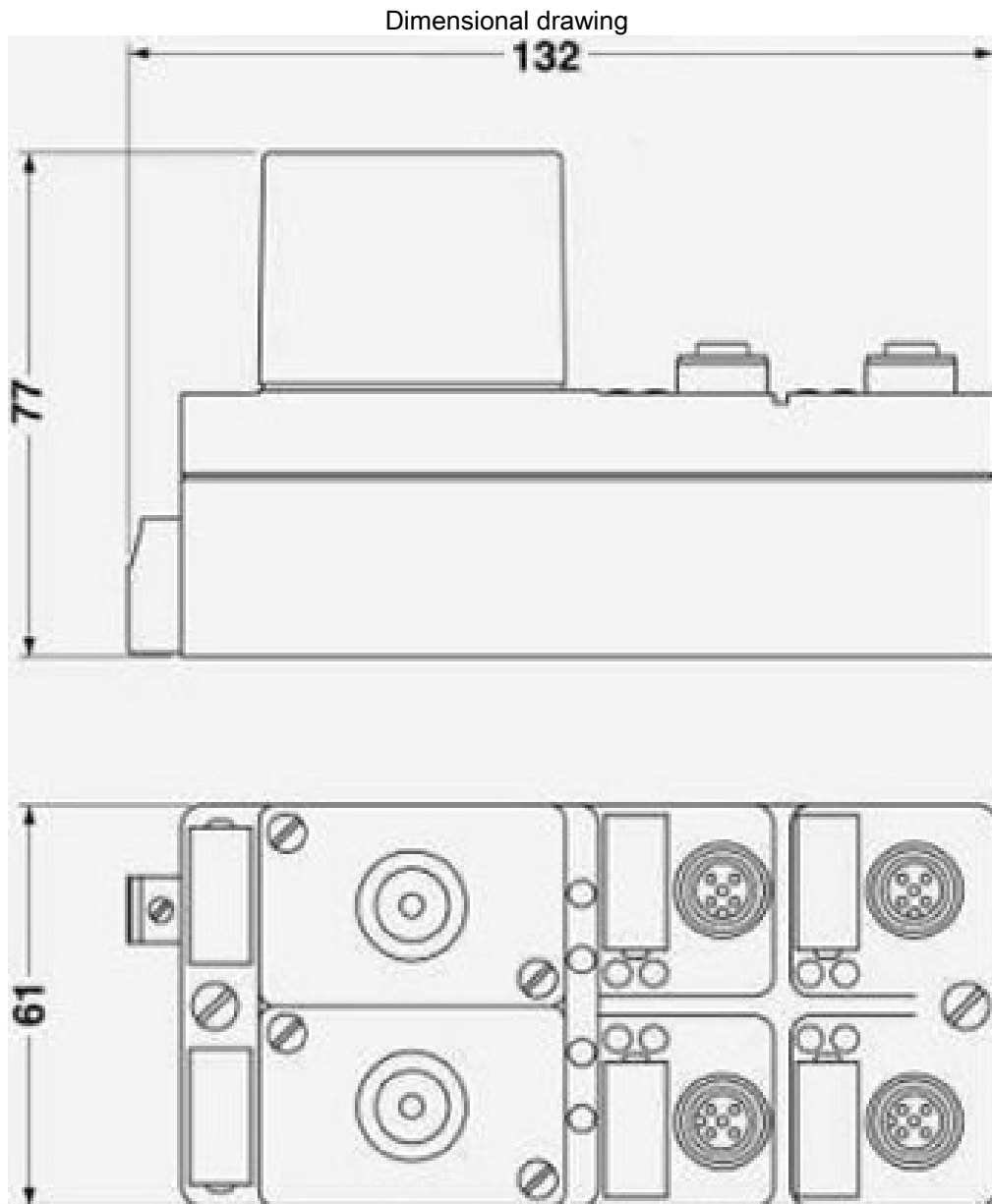
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## Drawings



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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(a)-I, 6(c), 7(a), 7(c)-I

### China RoHS

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

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
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