

IBS RT 24 AIO 4/2-T - I/O module



2753009

<https://www.phoenixcontact.com/us/products/2753009>

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INTERBUS-RT analog input/output module, 4 inputs, 24 V DC, 2- or 3-conductor connection technology, 2 outputs, 24 V DC, 2-conductor connection technology, IP20 degree of protection, without connector set

Product description

INTERBUS-RT modules with analog inputs/outputs

The analog input/output modules from the INTERBUS-RT family enable users to read in and output common analog values. Three different module types are available for this:

a) 4 analog inputs and 2 outputs

Input ranges:

- Voltage measurement (unipolar/bipolar)

- Current measurement (unipolar/bipolar)

- Resistance measurement

- Temperature measurement

Output ranges:

- Voltage output

- Current output

b) 8 analog inputs

- Voltage measurement (unipolar/bipolar)

- Current measurement (unipolar/bipolar)

c) 4 analog outputs

- Voltage output

- Current output

Passive sensors can be supplied directly by the device. The input and output channels are parameterized directly by the controller via INTERBUS.

The sensors/actuators are connected in 1-, 2-, 3- or 4-conductor connection technology directly on the module, using either plug-in COMBICON screw or spring-cage terminal blocks. The individual terminal strips are coded to prevent mismatching during installation.

Using these plug-in terminal blocks and D-SUB connectors to connect INTERBUS makes the wiring permanent. In the event of a malfunction or modification, the modules can be replaced in just a few steps.

Contact with the protective grounding is established directly when the modules are snapped onto the DIN rail or mounted on a surface.

Corresponding marshalling adapters are available to marshal additional potential levels.

I/O status LEDs and bus diagnostics indicators provide information about the device state at all times.

All modules can be marked individually via the large marking field. The insert cards can be marked by hand or using a plotter or printer.

Replacement marking fields are of course available for all module types.

Commercial data

Item number	2753009
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN16
Product key	DRIA94
GTIN	4017918099534
Weight per piece (including packing)	368.7 g
Weight per piece (excluding packing)	3.7 g
Customs tariff number	85389091

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Country of origin	DE
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Technical data

Electrical properties

Supply

I/O voltage	± 24 V DC 5 % (ripple)
I/O voltage range	19.2 V DC ... 30 V DC
Max. current consumption	280 mA

Interfaces

INTERBUS remote bus (incoming/outgoing)

Connection method	D-SUB-9
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Material specifications

Color	green
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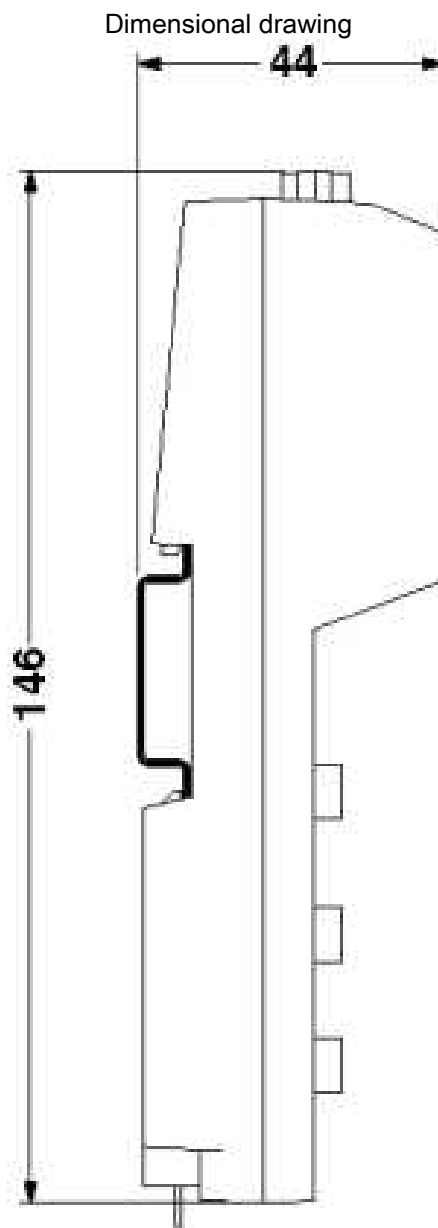
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Drawings

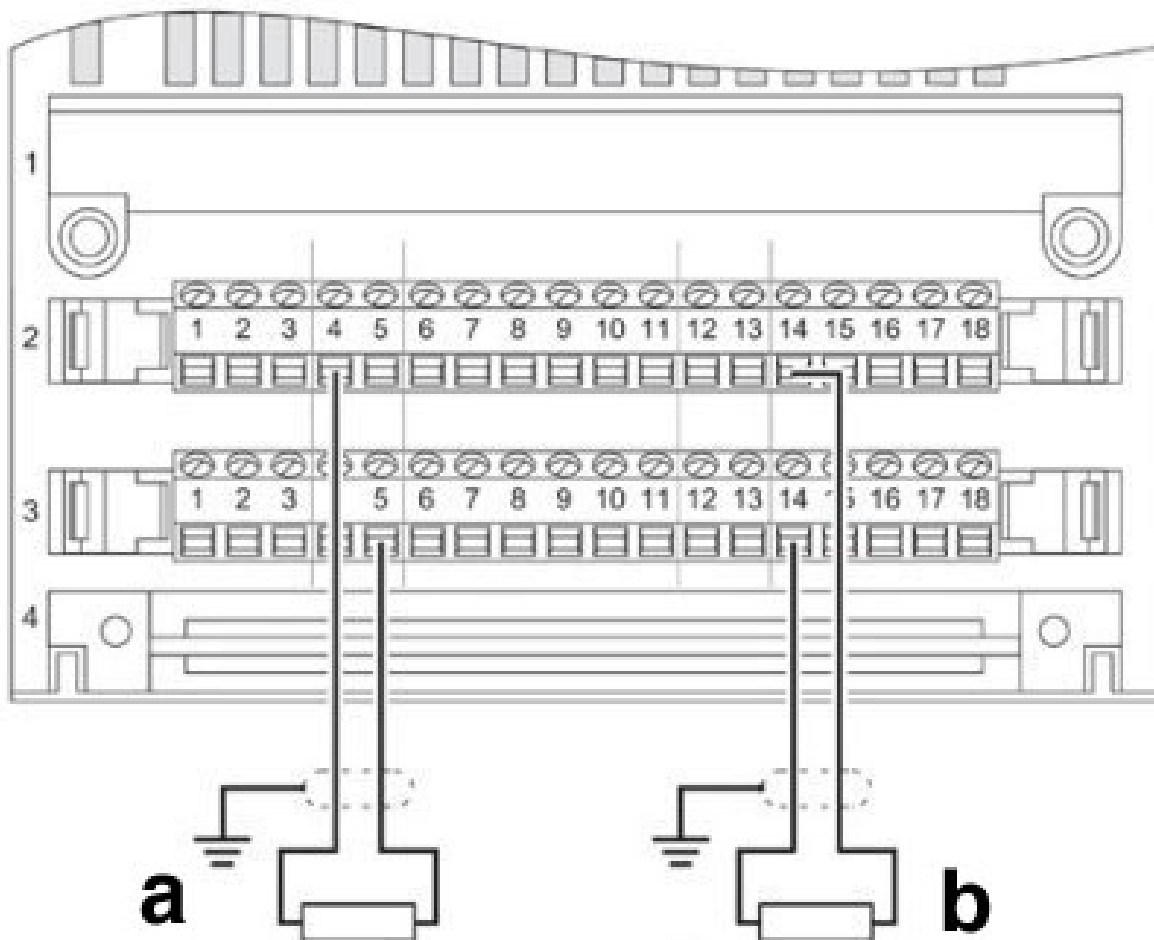


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Connection diagram



a = current actuator
b = voltage actuator

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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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