



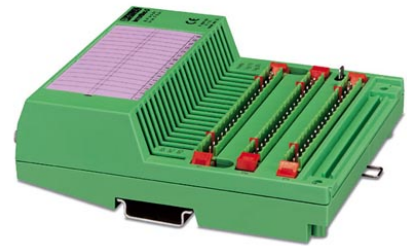
Extract from the online catalog

IBS RT 24 DIO 8/8R-T

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Order No.: 2753614

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2753614>



INTERBUS-RT digital input/output module, 8 inputs, 24 V DC, 2-wire connection method and 8 outputs, 24 V DC, 2 A, 2-wire connection method, IP20 protection, without connector set

Commercial data	
EAN	4017918062842
Note	Made-to-order
sales group	K421
Pack	1 pcs.
Customs tariff	85389091
Weight/Piece	0.39921 KG

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Product description

INTERBUS RT modules with digital inputs/outputs

INTERBUS RT input/output modules are designed as an inexpensive solution for use in machines and systems with few I/Os. The design is very compact due to the integration of the remote interface into the modules.

Three combined input/output modules are available:

- 16 inputs, 24 V DC
- 16 outputs, 24 V DC, 500 mA
- 16 inputs, 24 V DC
- 8 outputs, 24 V DC, 2 A (semi-conductor)
- 8 inputs, 24 V DC
- 8 outputs, 24 - 115 V DC, 24 - 230 V AC relay outputs

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The sensors/actuators are connected using 1, 2, 3 or 4-wire connections directly on the module, using either plug-in COMBICON screw or spring-cage terminal blocks. The individual terminal strips are coded in order to prevent any mix-up during installation.

The wiring is made pluggable by the use of plug-in terminal blocks and D-SUB connectors. The modules can be replaced quickly in case of a malfunction or for conversion.

Contact to protective earth ground is established automatically when the modules are snapped onto the DIN rails or mounted on a surface.

Matching bridging adapters are available for jumpering additional potential levels.

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

All modules can be individually labeled on the large labeling field. Labeling on insert cards may be by hand, by printer or by plotter. Replacement labeling fields are available for all types of modules.

The INTERBUS IBS OPTO SUB and OPTOSUB-PLUS connectors are available for converting the data signals from copper cables to fiber optics.

Technical data

Interfaces

Interface	INTERBUS remote bus
Type of connection	D-SUB-9

Power supply

Typical current consumption	70 mA
I/O voltage	± 24 V DC 5 % (ripple)
Peripherals voltage range	19.2 V DC ... 30 V DC

Inputs

Number of inputs	8
Number of input groups	1
Connection method	3-wire (optionally 4-wire)
Typical input current per channel	6 mA (for 24 V DC)
Input voltage range "0" signal	-30 V DC ... 5 V DC
Input voltage range "1" signal	15 V DC ... 30 V DC
Delay at signal change from 1 to 0	3 ms
Delay at signal change from 0 to 1	3 ms

Outputs

Number of outputs	8
Number of output groups	2
Connection method	2-wire (optionally 3-wire)

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Output voltage	(up to 115 V DC, U_s (3.4) (w/o external load) or L (3.4) = 24 ... 230 V AC)
Maximum output current per module / terminal block	16 A
Nominal load, ohmic	48 W (24 V DC, for further information see data sheet)
Nominal load, inductive	12 VA (24 V DC, for further information see data sheet)

General data

Weight	240 g
Width	125 mm
Height	44 mm
Length	146 mm

Certificates / Approvals

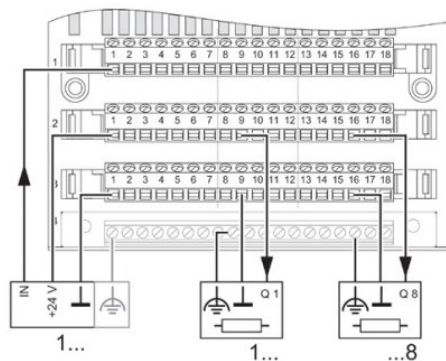


Certification

CUL Listed, GOST, UL Listed

Diagrams/Drawings

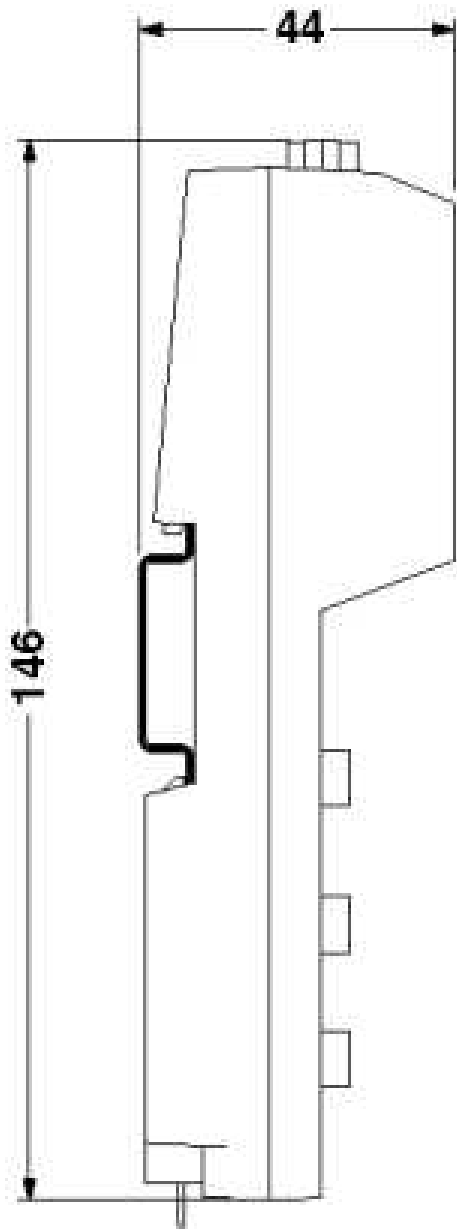
Connection diagram



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Dimensioned drawing



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