

Digital input module with 16 inputs

- for the Ringbus master controller RBCPU 1.01
- 16 digital inputs with LED indication
- 24VAC (supplied by master controller)
- hot plugable
- for DIN rail mounting


Technical data

Electrical data	Nominal voltage	24 VAC supplied by master controller module RBCPU 1.01
	Input current	10 mA max (at 24 VAC)
	Number of inputs	16 with common ground and LED indication
	Type of input	Type 1
	Galvanic isolation	Yes, optocoupled
	Connecting	Terminal min. 0.5 mm ² – max. 1.5 mm ²
	Input voltage range	24 VAC
	Logical 1 voltage	> 15 VAC
	Logical 0 voltage	< 5 VAC
	Response time 1 – 0	20 ms
	Response time 0 – 1	20 ms
	Recommended cable length	1000 m – shielded 600 m – unshielded
	Safety	Degree of protection
EMC		CE according to 2004/108/EC
Low-voltage-directive		CE according to 2006/95/EC
Ambient humidity range		95% according to IEC 60730-1
Ambient temperature range		0 ... 50°C
Non-operating temperature		–40 ... +85°C
Dimensions / weight	Maintenance	Maintenance-free
	Dimensions	84 x 84 x 23 mm
	Weight	120 g

Safety notes

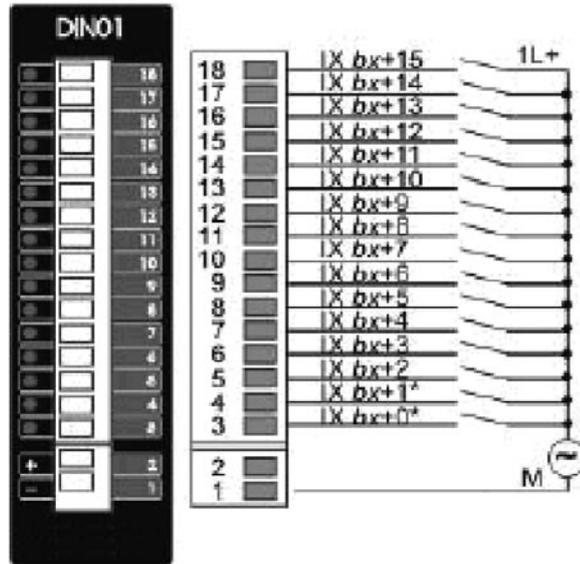

- The device is not allowed to be used outside the specified field of application, especially in aircraft or in any other airborne means of transport.
- It may only be installed by suitably trained personnel.
Any legal regulations or regulations issued by authorities must be observed during assembly.
- The device may only be opened at the manufacturer's site. It does not contain any parts that can be replaced or repaired by the user.
- The device contains electrical and electronic components and is not allowed to be disposed of as household refuse. All locally valid regulations and requirements must be observed.

Product features

16 digital inputs, LED indication	The RBCPU 1.02 module has 16 digital inputs (24 VAC) with a common ground and has a LED indication of the input circuit state.
Connection	The module is connected to the master controller via a build in plug terminal (hot plugable).
Signal evaluation	Signal evaluation is done on request of the master controller RBCPU 1.01

Electrical installation

Wiring diagram



Dimensions [mm]

Dimensional diagrams

