

DIGITAL INPUT MODULE WITH 16 INPUTS

- For the master controller ZENiX-500
- 16 digital inputs with LED indication
- 24VAC (supplied by master controller)
- Hot plugable
- For DIN rail mounting



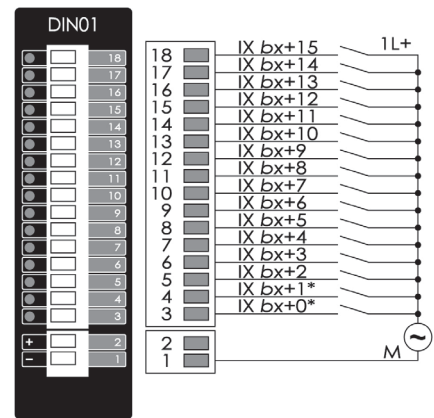
TECHNICAL DATA

ELECTRICAL DATA	
Nominal voltage	24 VAC supplied by master controller module ZENiX-500
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
SAFETY	
Degree of protection	IP00
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
Maintenance	Maintenance-free
DIMENSIONS / WEIGHT	
Dimensions	84 x 84 x 23 mm
Weight	120 g

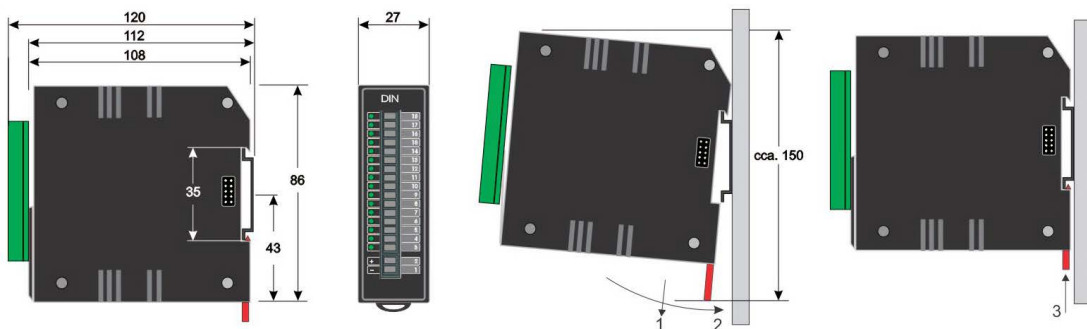
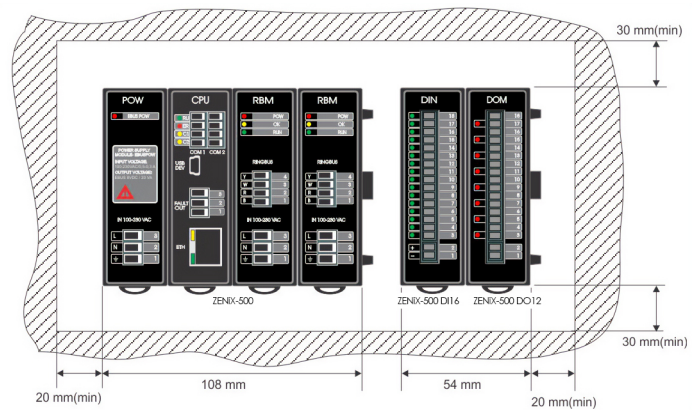
PRODUCT FEATURES

16 digital inputs, LED indication	The ZENiX-500 DI16 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 ZENiX-500

ELECTRICAL INSTALLATION



DIMENSIONS AND MOUNTING



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.
- Caution: Power supply voltage!
- 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.

If the product is manipulated in any other way than described, Rf-Technologies will decline any responsibility and the guarantee will immediately expire!