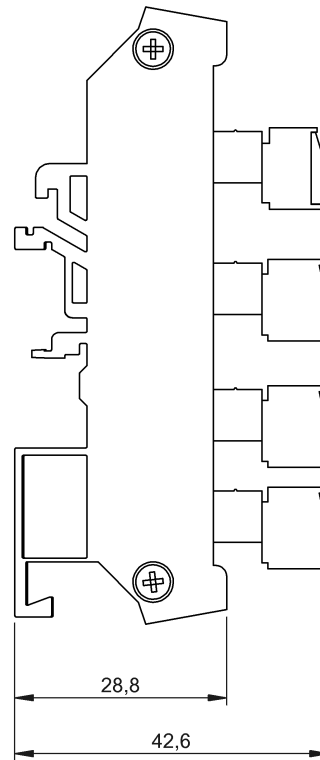
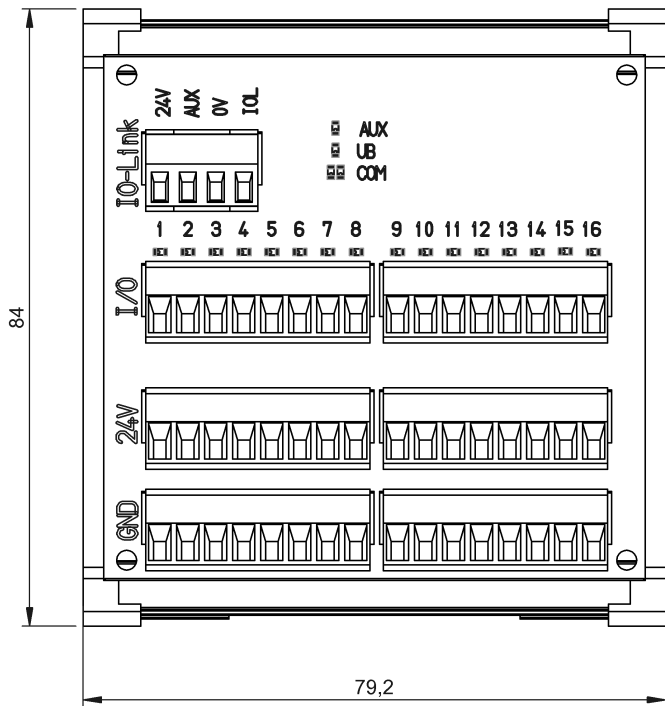


BNI IOL-310-000-K025  
BNI004L



## Display/Operation

Actuator supply UA, indicator	LED green
IO-Link communication indicator	LED green
Module supply indicator	LED green
Sensor supply US indicator	LED green
Switching function display	LED yellow

## Electrical connection

Connection slots	Terminal strip
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## Electrical data

Configurable inputs/outputs	yes
Current sum UA, actuator	1.6 A
Current sum US, sensor	1.0 A
Cycle time min.	3 ms
MTTF (40 °C)	115 a
Operating voltage Ub	18...30.2 VDC
Output current max.	350 mA
Rated operating voltage Ue DC	24 V

## Environmental conditions

Ambient temperature	-5...50 °C
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Protection type IEC 60529

IP20

Storage temperature

-25...70 °C

## Functional safety

Diagnostic coverage	0 %
Functional safety	no
Mission Time	20 a

## General data

Approval/Conformity	CE
Scope of delivery	Module Screw terminal (for BAM01ZH) Short guide

## Material

Housing material	PVC, UL94-0
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## Mechanical data

Fastening detail	DIN rail mounting
Frame type	2.5

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## Output/Interface

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Digital outputs	16x PNP
Interface	IO-Link 1.0
IO-Link version	1.0
Process data cycle min.	12 ms
Switching output	PNP

## Remarks

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Installation instructions See short guide  
For further information on MTTF/B10d, please refer to the MTTF / B10d Certificate.  
Specification of the MTTF value and the B10d value do not represent any binding quality and/or life expectancy guarantees.