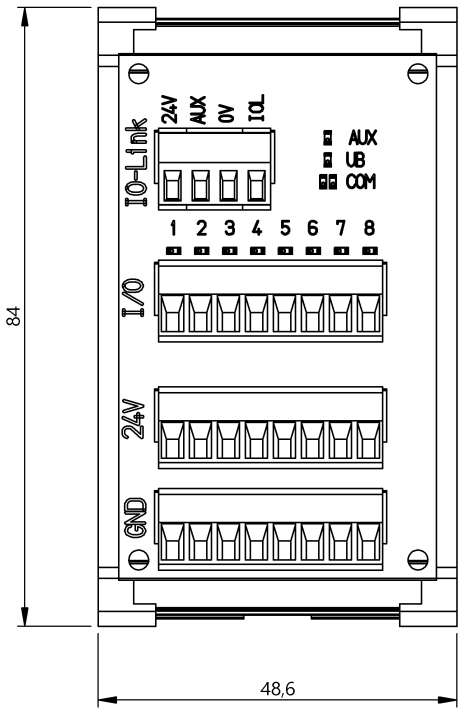
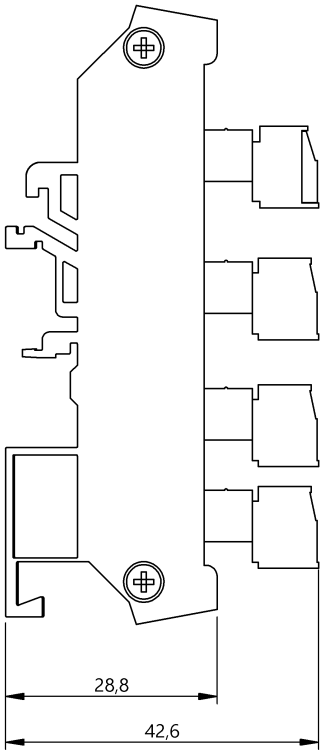
I/O modules

BNI IOL-309-000-K024
Order Code: BNI004K





R-R-BF0-BF-BNIHUB

Basic features

Approval/Conformity	CE UKCA WEEE KC
Scope of delivery	Screw terminal (BAM01ZF) Short guide

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 (COM 1)	Screw/plug-in terminals, 4-pin
Connection (supply voltage IN)	Screw/plug-in terminals
Connection slots	Screw/plug-in terminals

Electrical data

Configurable inputs/outputs	yes
Current sum UA, actuator	1.0 A
Current sum US, sensor	1.0 A
IO-Link function	Device
IO-Link ports, number	1
Operating voltage Ub	18...30.2 VDC
Rated operating voltage Ue DC	24 V

Environmental conditions

Ambient temperature	-20...50 °C
IP rating	IP20
Storage temperature	-25...70 °C

Functional safety

MTTF (40 °C)	134 a

IO-Link

IO-Link Profil IDs	N/A

Interface

Cycle time min.	3 ms
Digital inputs	8x PNP, Type 2
Digital outputs	8x PNP
IO-Link version	1
Interface	IO-Link 1.0
Process data IN	1 byte
Process data OUT	1 byte
Process data cycle min.	3.0 ms
Transfer rate	COM2 (38.4 kBaud)

Material

Housing material	PA 6.6, UL94V-0
Housing shield	no

Mechanical data

Dimension	48.6 x 42.6 x 84 mm
Mounting part	DIN rail mount
Weight	131 g

Remarks

See short guide

For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.