99.6



Electrical connection

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Dimensions

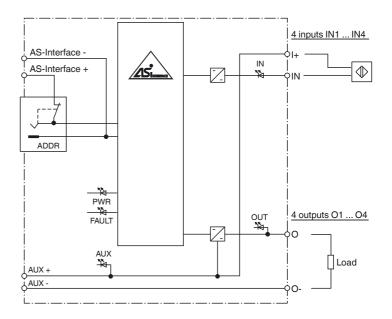
Model number

VAA-4E4A-KE1-Z/E2

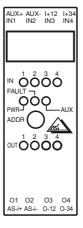
KE1 switch cabinet module 4 inputs and 4 outputs

Features

- Housing with removable terminals
- Communication monitoring
- Inputs for 2-wire sensors and mechanical contacts
- Addressing jack
- Power supply of the inputs and outputs from the external auxiliary voltage
- Function display for bus, ext. auxiliary voltage, inputs and outputs



Indicating / Operating means



Function

The AS-Interface Module VAA-4E4A-KE1-Z/E2 is a control cabinet with 4 inputs and 4 electronic outputs. The housing, only 22.5 mm in width and 48.5 mm in height, takes up little place in the switch cabinet. The module features an integrated addressing jack is mounted by snapping onto the 35 mm DIN rail in accordance with EN 50022.

For easy disconnection for commissioning and servicing, the connection is via plug-in black 4-pin spring terminals.

The external auxiliary voltage, the AS-Interface cable, the inputs and outputs (IN and O), as well as the plus potential of the inputs (I+) and the minus potential of the outputs (O-) are connected with the module via double terminals.

The inputs and outputs and the connected sensors and actuators are supplied via external auxiliary power UAUX. Polarity reversal is signalled by a red light on the AUX-LED.

The current switching status is indicated for each input and output by means of an LED on the top of the module.

Note:

The device features communication monitoring. It switches off the power to the outputs when no communication has occurred on the AS-Interface cable for more than 40 ms.

In the event of overloading of the outputs, e.g. due to short-circuiting, the FAULT-LED on the module flashes and a signal is communicated to the AS-Interface master via the "Peripheral error" function. Communication via the AS-Interface remains uninterrupted.

Accessories

VBP-HH1-V3.0-KIT

AS-Interface Handheld with accessory

VBP-HH1-V3.0

AS-Interface Handheld

VAZ-PK-1,5M-V1-G

Adapter cable module/hand-held programming device

2

not used

P2 = 1 synchronous mode off (default settings)



Ambient conditions	
Ambient temperature	-25 60 °C (-13 140 °F)
Storage temperature	-25 85 °C (-13 185 °F)
Relative humidity	90 % , noncondensing
Pollution degree	2
Mechanical specifications	
Degree of protection	IP20
Connection	removable spring double terminals rated connection capacity: rigid/flexible (with and without wire-end ferrules): 0.25 mm² 1.5 mm² recommended tools for 1.5 mm²: PxC CRIMPFOX ZA3 or Weidmüller PZ 6 roto
Material	
Housing	PA 66-FR
Mass	80 g
Mounting	DIN mounting rail

Notes

Do not connect inputs and outputs, which are supplied via the module from AS-interface or via auxiliary power, with power supply and signal circuits with external potentials.