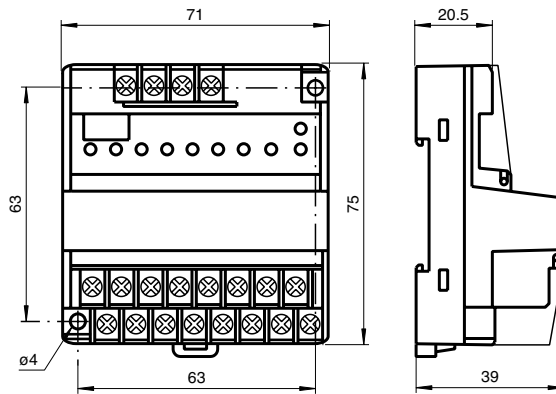
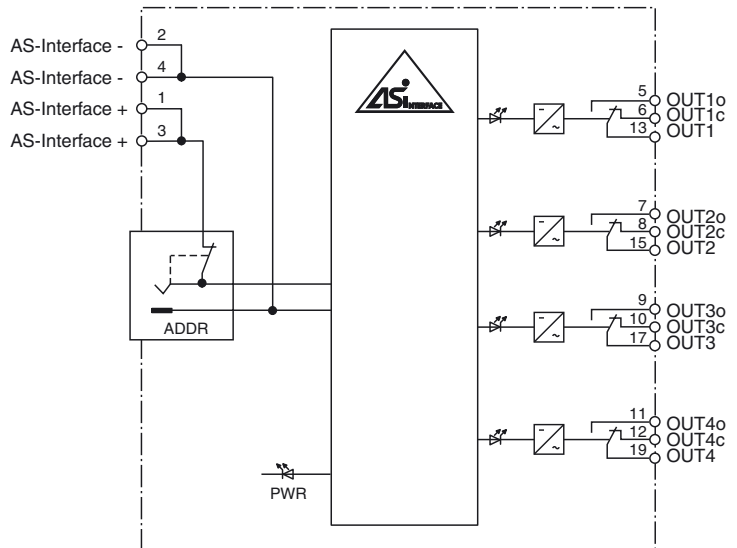




Dimensions



Electrical connection



Model Number

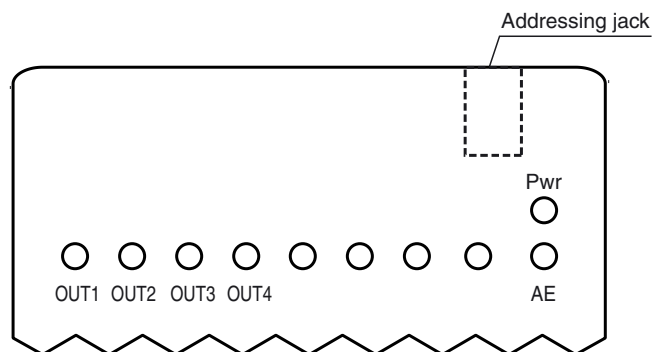
VAA-4A-K3-R

Junction box module
4 relay outputs

Features

- AS-Interface certificate
- Addressing jack
- Function display for outputs
- 4 potential-free switch-contacts

Indicating / Operating means



Technical data**General specifications**

Slave type	Standard slave
AS-Interface specification	V2.0
Required master specification	≥ V2.0
UL File Number	E87056

Indicators/operating means

LED PWR	AS-Interface voltage; LED green
LED OUT	switching state (output); 4 LED yellow

Electrical specifications

Rated operational voltage	U_e	26.5 ... 31.6 V from AS-Interface
Rated operational current	I_e	≤ 40 mA

Output

Number/Type	4 relay outputs
Contact loading	24 V DC, 500 mA per output, PELV (protection class 3 according to VDE 0106/IEC 364-4-41)
Lifetime	3×10^7 switching cycles

Programming instructions

Profile	S-8.0
IO code	8
ID code	0

Data bits (function via AS-Interface)	input	output
D0	-	OUT1
D1	-	OUT2
D2	-	OUT3
D3	-	OUT4

Parameter bits (programmable via AS-i)	function
P0	not used
P1	not used
P2	not used
P3	not used

Ambient conditions

Ambient temperature	-25 ... 60 °C (248 ... 333 K)
Storage temperature	-25 ... 85 °C (248 ... 358 K)

Mechanical specifications

Protection degree	IP20
Connection	terminal connection ≤ 2.5 mm ²
Mass	110 g
Mounting	DIN rail or screw mounting

Compliance with standards and directives

Standard conformity	
Protection degree	EN 60529

Function

The VAA-4A-K3-R AS-Interface coupling module is a junction box module with 4 relay outputs. The design of this module makes it particularly suitable for operation within a junction box. Its housing, only 39 mm thick, occupies little space in an installation. The VAA-4A-K3-R is installed by snapping it onto the 35 mm DIN rail per EN 50022.

Screw terminals are available for connecting the outputs and the AS-Interface cable. These permit the connection of conductors of up to 2.5 mm². Each output is switched via a relay, which can be loaded to 24 V DC and 0.5 A.

The actuators connected to the module are supplied externally (see connection diagram). The module itself is supplied through the AS-Interface cable. The AS-Interface supply voltage is indicated by a green LED.

The current switching state of each output is indicated by a yellow LED, located on the unit's front panel.

Should there be an interruption to bus communications (e. g. failure of the master), the outputs maintain their current switch status while power is supplied.

For address configuration before or after installation, a programming jack is integrated into the unit. It permits a connection to the hand-held programming device.

Accessories**VBP-HH1**

AS-Interface handheld

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

Connection cable module/hand-held programming device