

**Model Number**

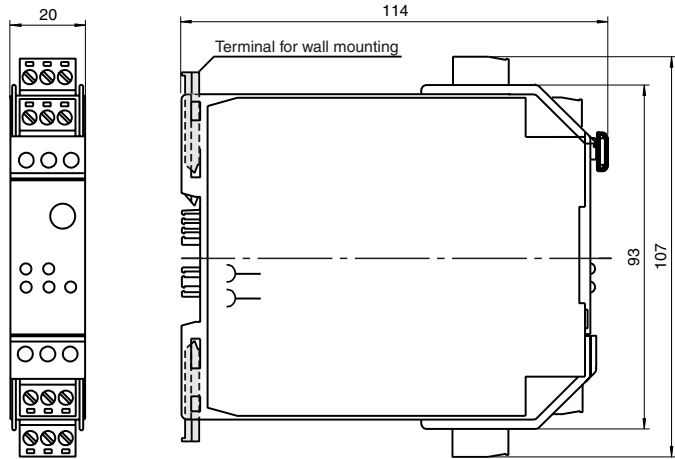
**VAA-4E-KF-WS**

Cabinet module  
4 inputs  
(sensors for alternating voltage)

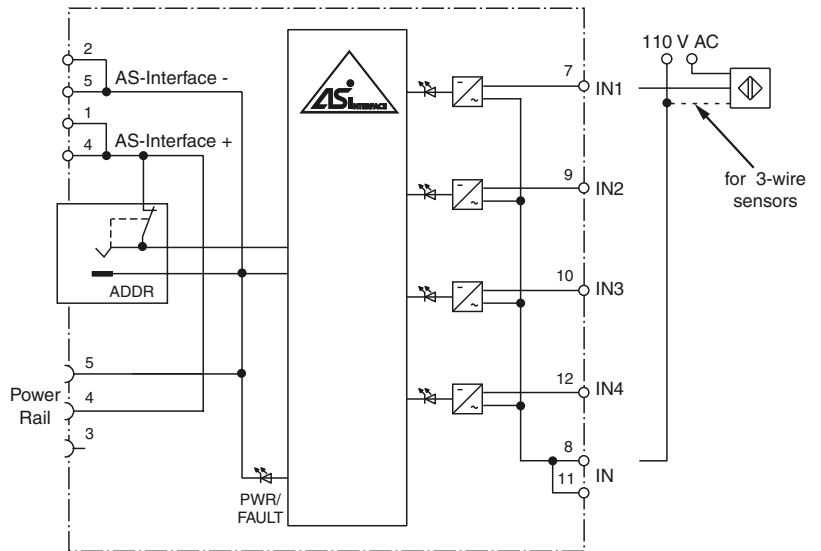
**Features**

- Housing with removable, coded terminals
- AS-Interface connection via Power Rail
- Inputs for 110 V AC sensors
- Addressing jack
- External power supply of sensors
- Function display for bus and inputs

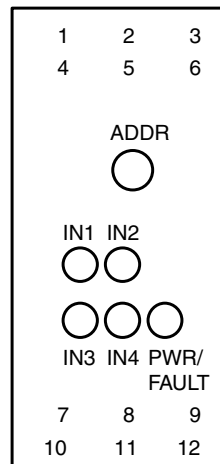
**Dimensions**



**Electrical connection**



**Indicating / Operating means**



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**Technical data****General specifications**

Slave type	Standard slave
UL File Number	E87056

**Indicators/operating means**

LED PWR/FAULT	dual-LED green/red green: AS-Interface voltage, normal operation red: communication error or address 0
LED IN	switching state (input); 4 LED yellow

**Electrical specifications**

Rated operational voltage	$U_e$	26.5 ... 31.6 V from AS-Interface
Rated operational current	$I_e$	≤ 50 mA

**Input**

Number/Type	4 sensors, V AC
Supply	external 110 V AC
Switching point	
0 (unattenuated)	≤ 2 mA
1 (attenuated)	≥ 20 mA

**Programming instructions**

Profile	S-0.F
IO code	0
ID code	F

Data bits (function via AS-Interface)	input	output
D0	IN1	-
D1	IN2	-
D2	IN3	-
D3	IN4	-

**Parameter bits (programmable via AS-i) function**

P0	not used
P1	not used
P2	not used
P3	not used

**Ambient conditions**

Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Storage temperature	-25 ... 85 °C (248 ... 358 K)

**Mechanical specifications**

Protection degree	IP20 according to EN 60529
Connection	removable coded terminals, Power Rail
Mass	130 g
Mounting	DIN rail

**Function**

The VAA-4E-KF-WS AS-Interface coupling module is a cabinet module with 4 inputs for AC sensors. Its design, only 20 mm wide, occupies little space in a cabinet installation. The VAA-4E-KF-WS is installed by snapping it onto the 35 mm DIN rail per EN 50022, with the integrated Power Rail.

When an AS-Interface master/gateway is used in the cabinet housing, the AS-Interface signal is automatically transmitted via the Power Rail. The connection of the module to the AS-Interface cable is established by simply snapping it onto the DIN rail.

The plug-in coded terminals of the inputs allow "online" maintenance, i. e. while the system is under power. The terminals are coded to prevent incorrect connections.

If a master/gateway other than the one in the cabinet housing is used, the connection to the AS-Interface cable is established via the same terminals. Once the AS-Interface cable has been connected to the terminals, the AS-Interface signal is automatically transferred to the Power Rail.

Power to the module is supplied by the AS-Interface cable and the outputs are powered externally (see connection diagram). A programming jack is available for address configuration.

**Accessories****VBP-HH1-V3.0**

AS-Interface Handheld

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

Connection cable module/hand-held programming device

**UPR-05**

Universal Power Rail

**UPR-E**

End cap