Model number

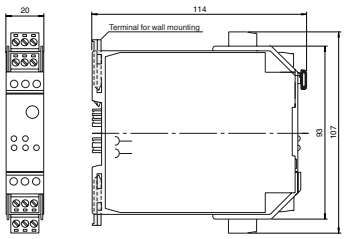
VAA-4E-KF-WS

Cabinet module
4 inputs
(sensors for alternating voltage)

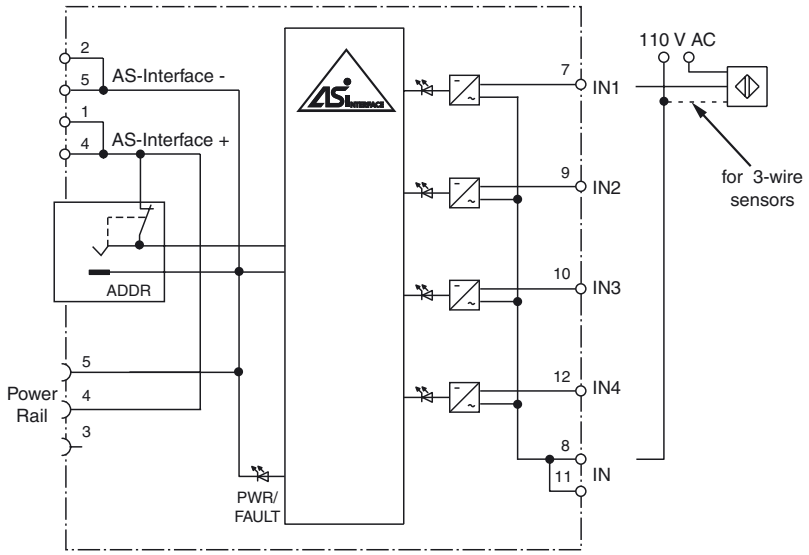
Features

- 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

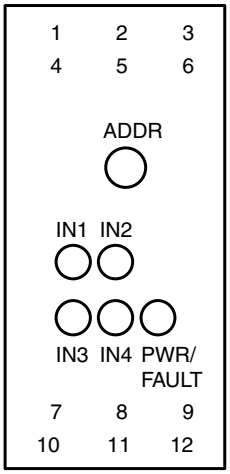
Dimensions



Electrical connection



Indicating / Operating means



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

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LED IN		switching state (input); 4 LED yellow		
Electrical specifications				
Rated operating voltage	U_e	26.5 ... 31.6 V from AS-Interface		
Rated operating current	I_e	≤ 50 mA		
Input				
Number/Type		4 sensors, V AC		
Supply		external AC 110 V		
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 (-13 ... 158 °F)		
Storage temperature		-25 ... 85 °C (-13 ... 185 °F)		
Mechanical specifications				
Degree of protection		IP20 according to EN 60529		
Connection		removable coded terminals, Power Rail		
Mass		130 g		
Mounting		DIN mounting 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-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

UPR-05
Universal Power Rail with end caps and cover, 5 conductors, length: 2 m

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