

AC2216



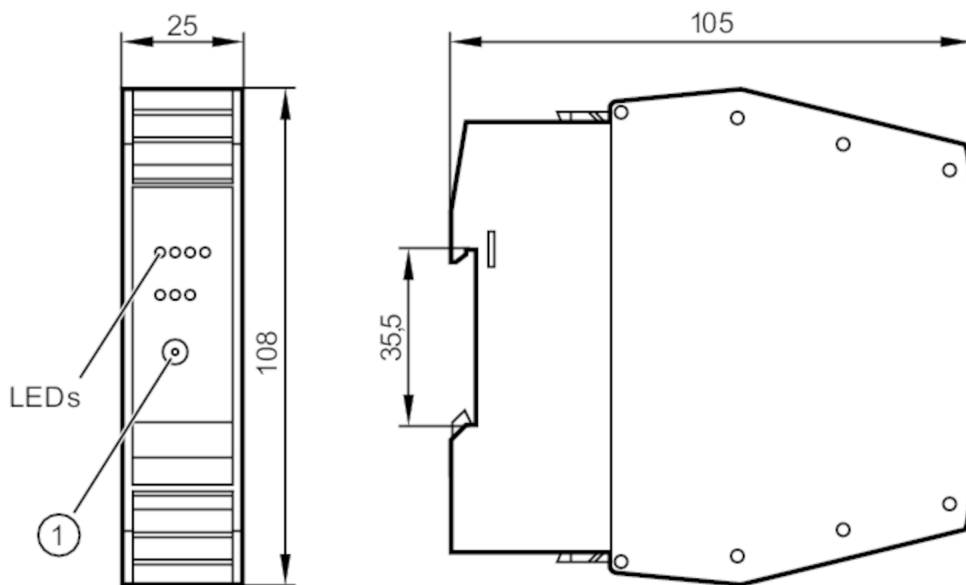
AS-Interface control cabinet module

SmartLine25 4AI (C) C IP20

Discontinued article

Alternative articles: AC3216

When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics

Number of inputs and outputs Number of analog inputs: 4

Application

Application I/O modules for control cabinet installations

Electrical data

Operating voltage [V] 26.5...31.6 DC; (cULus - Class 2 source required)

Current consumption [mA] 10...53; (External supply)

Max. current consumption from AS-i [mA] 53; (with external supply: 28 mA)

Reverse polarity protection yes

Additional voltage supply [V] 24 DC

Additional voltage supply [V] optional

Inputs / outputs

Number of inputs and outputs Number of analog inputs: 4

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Inputs		
Sensor supply of the inputs	AS-i / AUX	
Number of analog inputs	4; (Anschluss von 2-, 3-, 4-Draht-Sensoren)	
Analog input (current) [mA]	4...20	
Analog inputs protected against short circuits	no	
Resolution of analog input	16 (1 bit = 1 µA)	
Accuracy / deviations		
Measuring error [% of the final value]	0,5	
Operating conditions		
Ambient temperature [°C]	0...70	
Storage temperature [°C]	-20...85	
Protection	IP 20	
Tests / approvals		
EMC	EN 50295	
AS-i classification		
AS-i addressing	Addressing socket	
Extended addressing mode	no	
AS-i profile	S-7.3.E	
AS-i I/O configuration [hex]	7	
AS-i ID code [hex]	3.E	
AS-i certificate pending	yes	
Mechanical data		
Weight [g]	167.5	
Type of mounting	Mounting on DIN rail	
Material	PA 6.6	
Displays / operating elements		
Display	Power	LED, green Voltage AS-i / 24 V AUX
	errors	LED, red
	Function	LED, yellow Channels 1...4
Accessories		
Accessories (optional)	Combicon connector	
Remarks		
Pack quantity	1 pcs.	



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Electrical connection

COMBICON:

Connection

I+	C1	I-	0V
I+	C2	I-	0V
I+	C3	I-	0V

0V	I-	C4	I+
A+	A-	E+	E-

I+	Sensor supply +24V
C1...4	analog input Current
I-	Sensor supply 0V
0V	analog input 0V
A+	AS-i +
A-	AS-i -
E+	External sensor supply +24V
E-	External sensor supply 0V