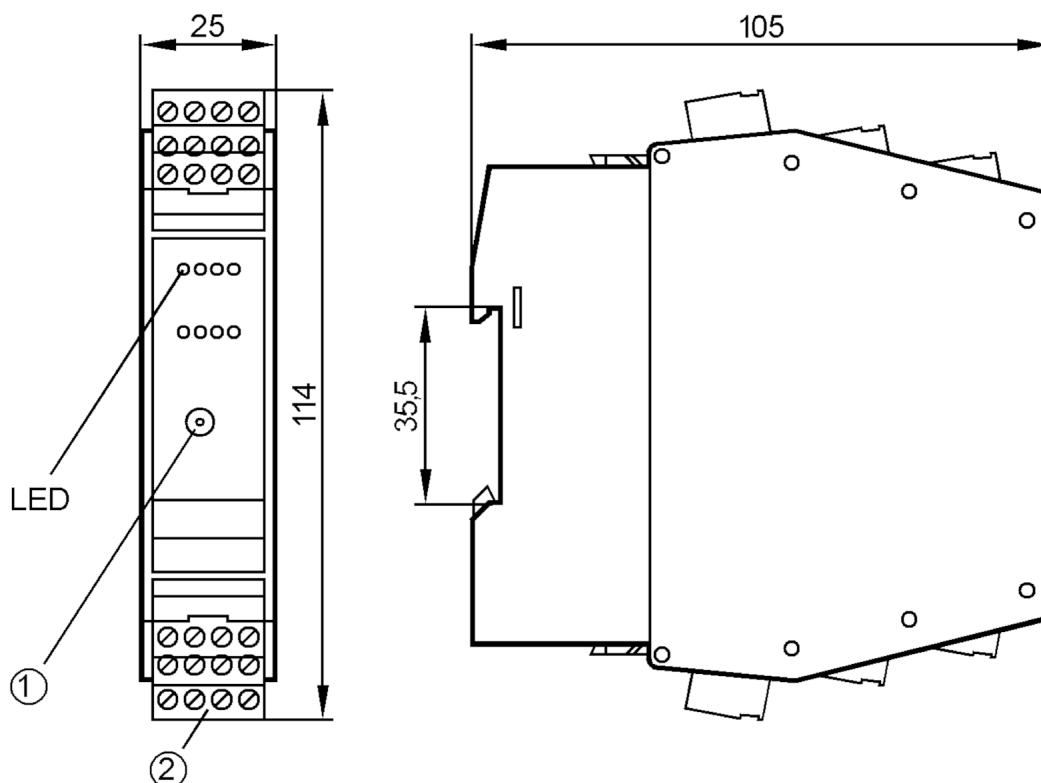




AS-Interface control cabinet module

SmartLine25 4AI (C) C IP20



- 1 addressing socket
2 COMBICON connector with screw terminals optional



Electrical data

Operating voltage	[V]	26.5...31.6 DC; ("supply class 2" to cULus)
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

Inputs / outputs

Number of inputs and outputs	Number of analogue inputs: 4
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Inputs

Number of analogue inputs	4; (Anschluss von 2-, 3-, 4-Draht-Sensoren)
Analogue input (current) [mA]	4...20
Analogue inputs protected against short circuits	no
Resolution of analogue input	16 (1 bit = 1 µA)
Sensor supply of the inputs	AS-i / external (to PELV)

Accuracy / deviations

Measuring error		0,5
[% of the final value]		

AC2216



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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 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]	165.5
Type of mounting		mounting on DIN rail
Materials		PA 6.6
Displays / operating elements		
Display	operation	LED, green Voltage AS-i / 24 V AUX
	errors	LED, red
	function	LED, yellow channels 1...4
Accessories		
Accessories (optional)		COMBICON connectors
Remarks		
Pack quantity		1 pcs.



AS-Interface control cabinet module

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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	analogue input Current
I-	Sensor supply 0V
0V	analogue input 0V
A+	AS-i +
A-	AS-i -
E+	external sensor supply +24V
E-	external sensor supply 0V