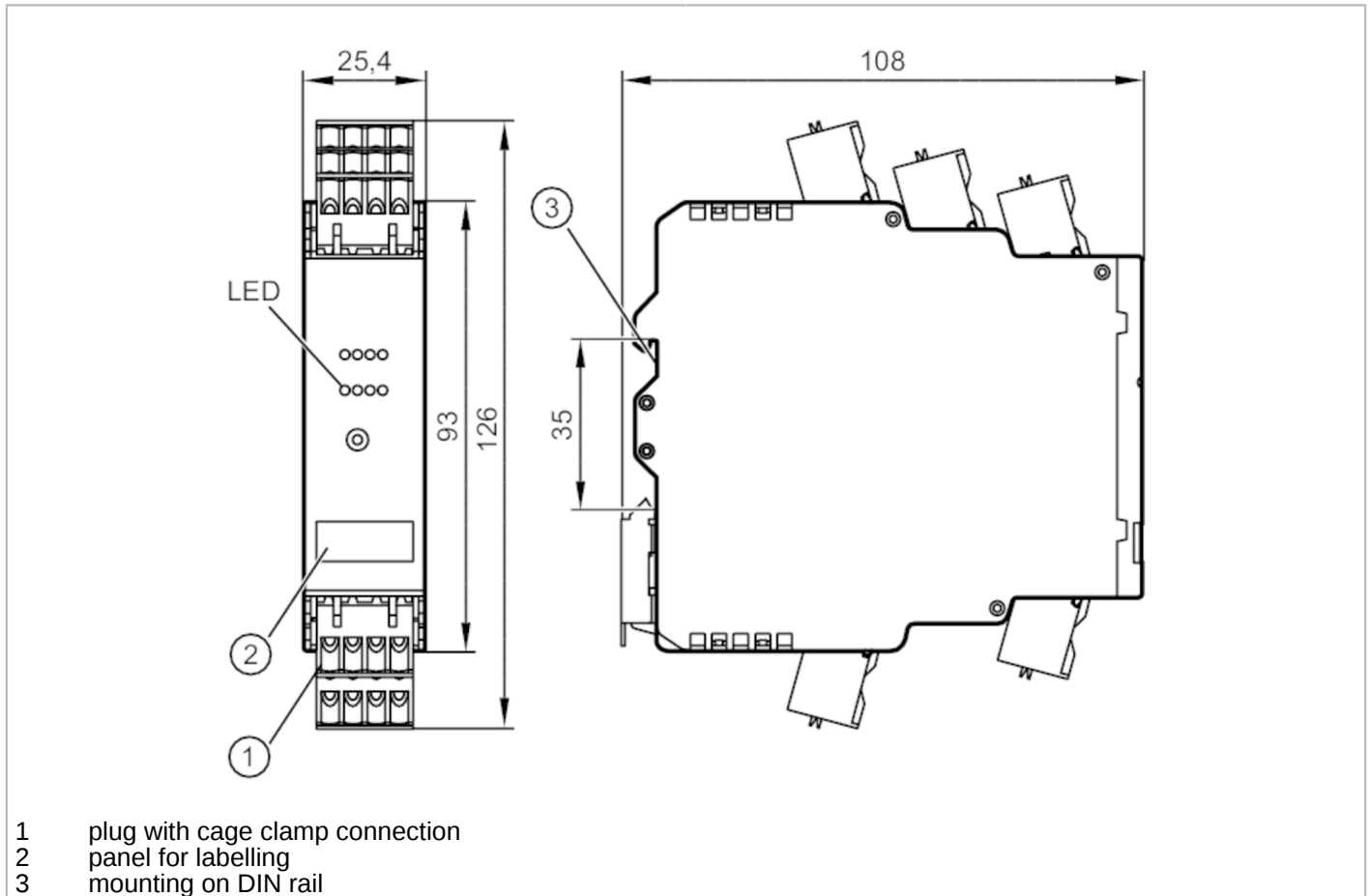


# AC3216



## AS-Interface control cabinet module

SmartL25 4 AI (C) C IP20



### Application

Application Installation in control cabinets

### 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
Max. current load total	[A]	0.5; (with external supply; with external supply: 100 mA)
Additional voltage supply	[V]	20...30 DC; (AUX)
Additional voltage supply	[V]	optional

### Inputs / outputs

Number of inputs and outputs Number of analogue inputs: 4



## AS-Interface control cabinet module

SmartL25 4 AI (C) C IP20

Inputs		
Sensor supply of the inputs		AS-i / AUX
Max. total current rating of inputs	[mA]	100
Number of analogue inputs		4
Analogue input (current)	[mA]	4...20
Analogue inputs protected against short circuits		no
Resolution of analogue input		16 (1 bit = 1 $\mu$ A)
Operating conditions		
Ambient temperature	[°C]	0...70
Storage temperature	[°C]	-25...75
Max. relative air humidity	[%]	90; (non condensing)
Max. height above sea level	[m]	2000
Protection		IP 20
Protection rating terminals		IP 20
Degree of soiling		2
Tests / approvals		
EMC		EN 61000-6-2
		EN 61000-6-4
AS-i classification		
AS-i version		2.11; 3.0
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]	197.5
Type of mounting		mounting on DIN rail
Materials		PC-GF20
Displays / operating elements		
Display	operation	LED, green Voltage AS-i / 24 V AUX
	errors	LED, red
	function	LED, yellow channels 1...4
Accessories		
Items supplied		COMBICON connectors
Remarks		
Pack quantity		1 pcs.



## AS-Interface control cabinet module

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### Electrical connection

pin headers: 4 x ; Spacing: 5.0 mm

### 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