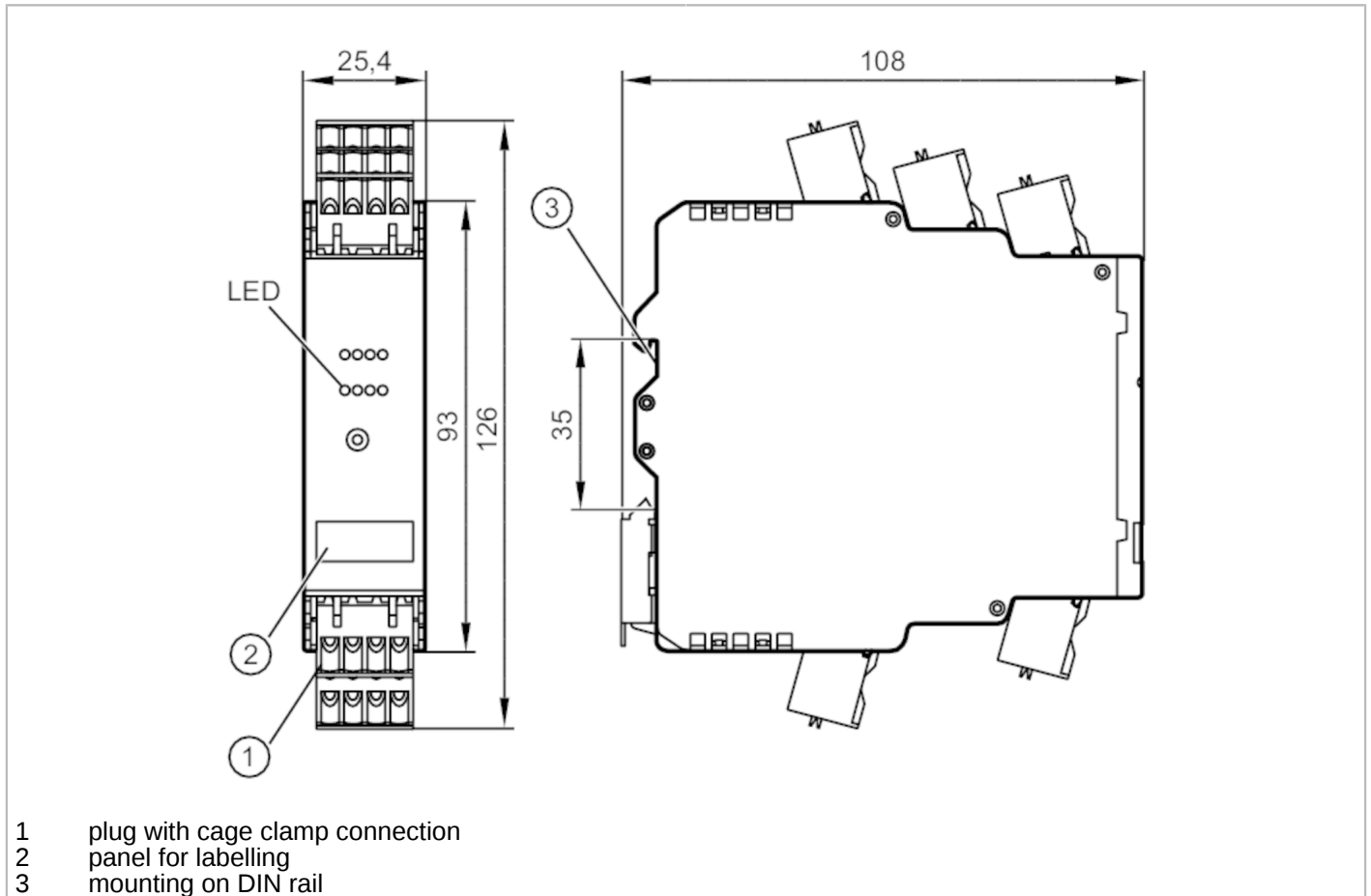


# AC3216



## AS-Interface control cabinet module

SmartL25 4 AI (C) C IP20



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
Operating voltage AUX DC [V]	18...30
Additional voltage supply [V]	24 DC; (AUX)
Inputs / outputs	
Number of inputs and outputs	Number of analogue inputs: 4
Inputs	
Number of analogue inputs	4
Sensor supply of the inputs	AS-i / external (to PELV)
Max. total current rating of inputs [mA]	100
Analogue input (current) [mA]	4...20
Analogue inputs protected against short circuits	no
Resolution of analogue input	16 (1 bit = 1 µA)

# AC3216



## AS-Interface control cabinet module

SmartL25 4 AI (C) C IP20

Outputs		
Electrical design		AS-i
Operating conditions		
Ambient temperature	[°C]	0...70
Storage temperature	[°C]	-20...85
Protection		IP 20
Protection rating terminals		IP 20
Tests / approvals		
EMC	EN 61000-6-2	
	EN 61000-6-4	
AS-i classification		
AS-i version		2.11 + 3.0
Extended addressing mode possible		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]	169.6
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		
Accessories (supplied)		COMBICON connectors
Remarks		
Pack quantity		1 pcs.



## AS-Interface control cabinet module

SmartL25 4 AI (C) C IP20

### 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