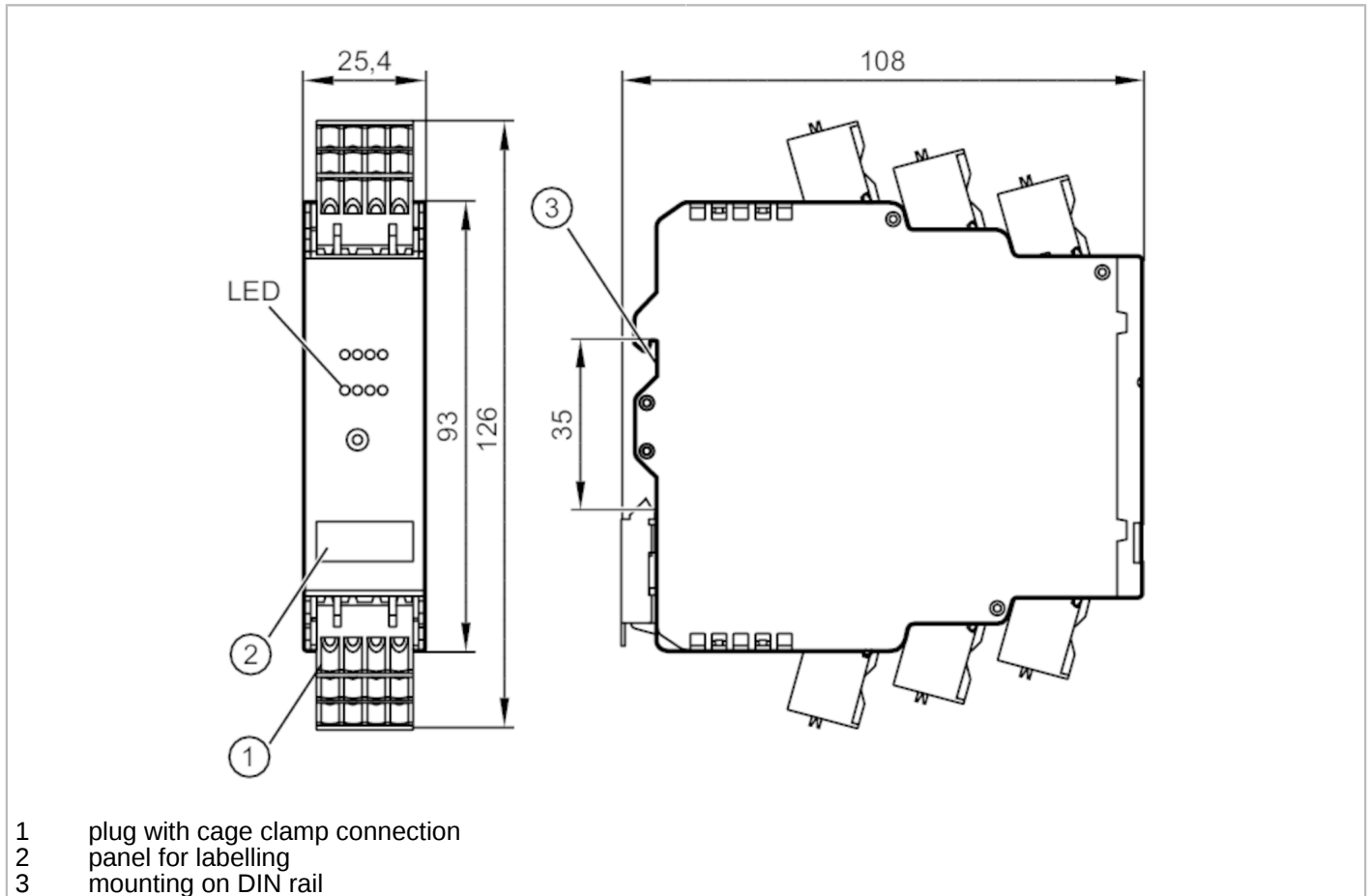




AS-Interface control cabinet module

SmartL25 4 AI (Pt100) C IP20



Product characteristics

Number of inputs and outputs	Number of Pt100 inputs: 4
Measuring range [°C]	-200...850

Electrical data

Operating voltage [V]	26.5...31.6 DC; ("supply class 2" to cULus)
Max. current consumption from AS-i [mA]	80
Reverse polarity protection	yes

Inputs / outputs

Number of inputs and outputs	Number of Pt100 inputs: 4
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Inputs

Number of Pt100 inputs	4
Sensor supply of the inputs	AS-i
Analogue inputs protected against short circuits	yes
Resolution of analogue input	16 / 0.1 °C

Outputs

Electrical design	AS-i
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AC3222



AS-Interface control cabinet module

SmartL25 4 AI (Pt100) C IP20

Measuring/setting range		
Measuring range	[°C]	-200...850
Operating conditions		
Ambient temperature	[°C]	0...70
Storage temperature	[°C]	-25...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]	162
Type of mounting		mounting on DIN rail
Materials		PC-GF20
Displays / operating elements		
Display	switching status	LED, yellow channels 1...4
	operation	LED, green Voltage AS-i - AS-i
	errors	LED, red
Accessories		
Accessories (supplied)		COMBICON connectors
Remarks		
Pack quantity		1 pcs.



AS-Interface control cabinet module

SmartL25 4 AI (Pt100) C IP20

Electrical connection

pin headers: 4 x ; Spacing: 5.0 mm

Connection

FE	FE	FE	FE
S+	1+	1-	S-
S+	2+	2-	S-

S-	3-	3+	S+
S-	4-	4+	S+
A+	A-	nc	nc

S+	sensor inputs +
S-	sensor inputs -
	Outputs Drive + 4-wire Pt100
	Outputs Drive - 4-wire Pt100
FE	functional earth
A+	AS-i +
A-	AS-i -
nc	not used