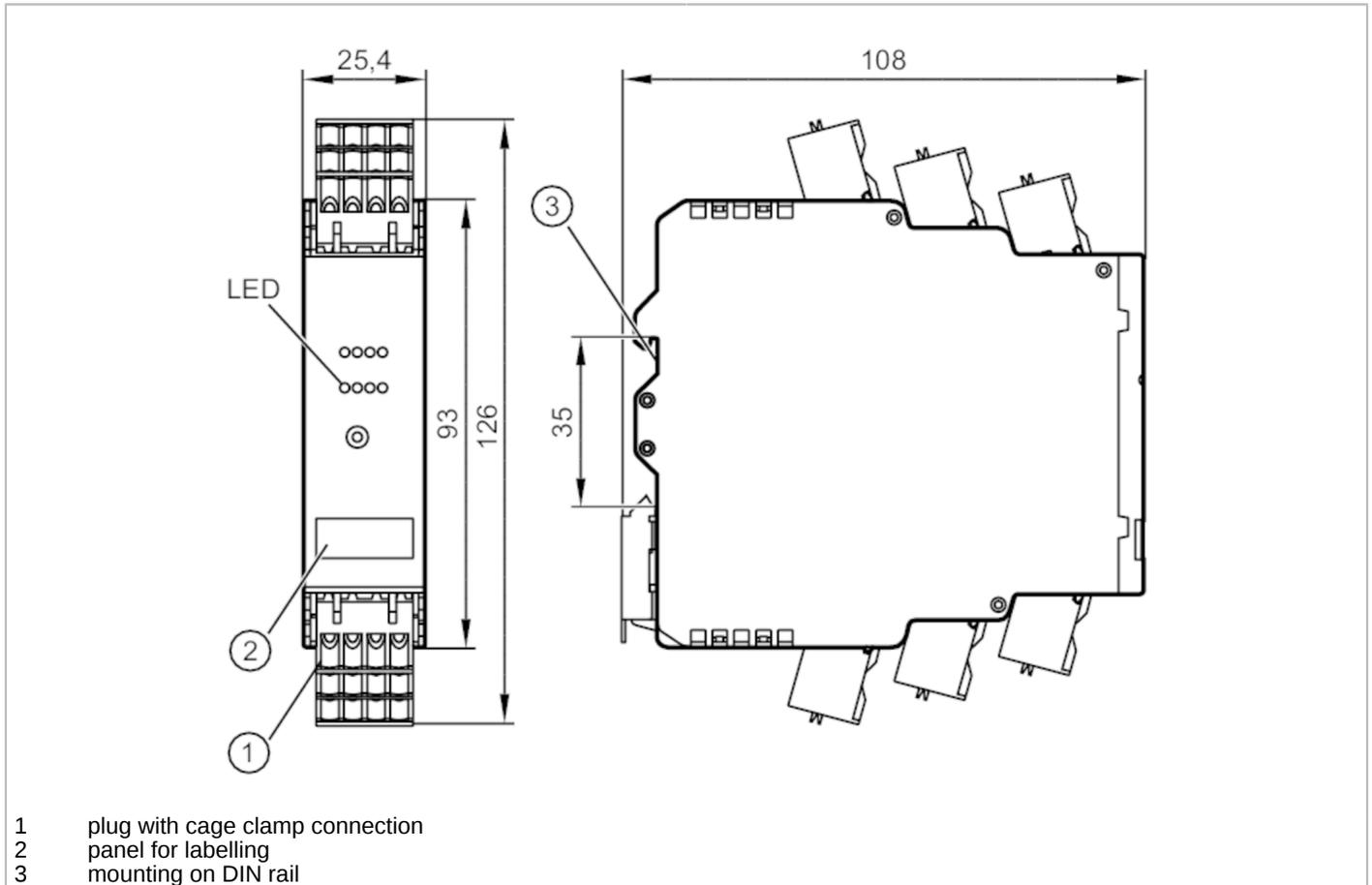


AC3222



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
Application	
Application	Installation in control cabinets
Electrical data	
Operating voltage [V]	26.5...31.6 DC
Max. current consumption from AS-i [mA]	80
Reverse polarity protection	yes
Inputs / outputs	
Number of inputs and outputs	Number of Pt100 inputs: 4
Inputs	
Number of Pt100 inputs	4
Sensor supply of the inputs	AS-i
Number of analogue inputs	connection of 2- and 4-wire sensors
Analogue inputs protected against short circuits	yes
Resolution of analogue input	16 bit / 0.1 °C



AS-Interface control cabinet module

SmartL25 4 AI (Pt100) C IP20

Measuring/setting range		
Measuring range	[°C]	-200...850
Accuracy / deviations		
Accuracy		± 0.2 °C (-200 °C)...± 2 °C (800 °C)
Operating conditions		
Ambient temperature	[°C]	0...70
Storage temperature	[°C]	-25...85
Max. relative air humidity	[%]	90; (non condensing)
Max. height above sea level	[m]	2000
Protection		IP 20
Protection rating terminals		IP 20
Pollution degree		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 master profile		M3; M4
AS-i profile		S-7.3.E
AS-i I/O configuration	[hex]	7
AS-i ID code	[hex]	3.E
AS-i certificate		129901
Mechanical data		
Weight	[g]	195.55
Housing		housing for DIN rail mounting
Type of mounting		mounting on DIN rail
Dimensions	[mm]	126 x 25.4 x 108
Materials		PC-GF20
Displays / operating elements		
Display	analogue signal	LED, yellow channels AI1...AI4
	operation	LED, green AS-i
	errors	LED, red
Accessories		
Items supplied		COMBICON connectors
Remarks		
Pack quantity		1 pcs.

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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