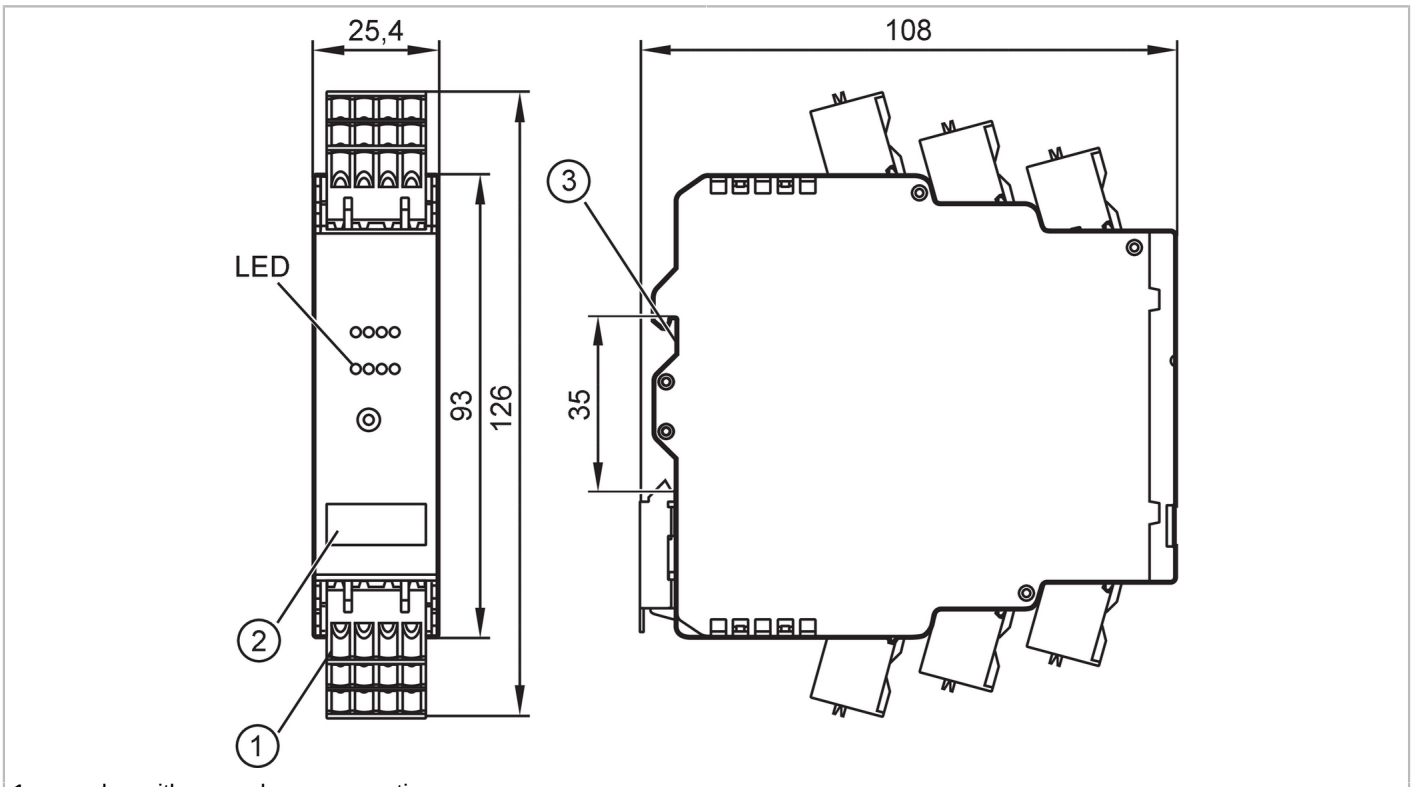
AC3222

AS-Interface control cabinet module

SmartL25 4 AI (Pt100) C IP20



1 plug with cage clamp connection
2 panel for labelling
3 mounting on DIN rail

Product characteristics		
Number of inputs and outputs		Number of Pt100 inputs: 4
Measuring range	[°C]	-200...850
Application		
Design		housing for DIN rail mounting
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

AC3222

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		rectangular	
Type of mounting		mounting on DIN rail; (TH35 (EN 60715))	
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.	

AC3222

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