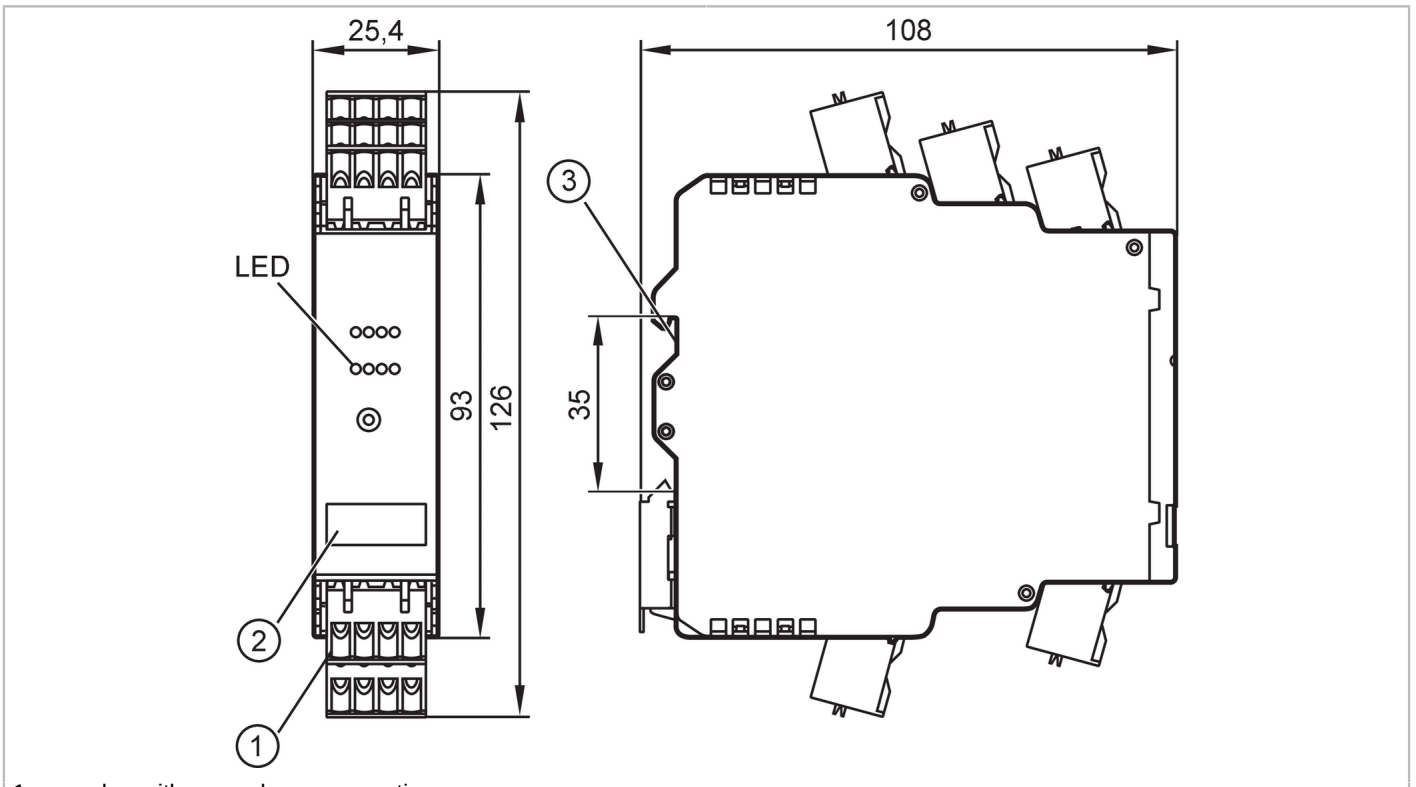
AC3216

AS-Interface control cabinet module

SmartL25 4 AI (C) C IP20



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

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]	157
Reverse polarity protection		yes
Additional voltage supply	[V]	20...30 DC; (AUX)
Additional voltage supply		optional
Max. current consumption from additional supply	[mA]	550; (AUX)
Inputs / outputs		
Number of inputs and outputs		Number of analogue inputs: 4
Inputs		
Sensor supply of the inputs		AS-i / AUX
Voltage supply	[V]	18...30
Max. total current rating of inputs	[mA]	100
Number of analogue inputs		4; (connection of 2-wire, 3-wire and 4-wire sensors)
Analogue input (current)	[mA]	4...20
Short-circuit proof		no

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Resolution		16 bit (1 bit = 1 µA)	
Accuracy	[%]	0,5	
Operating conditions			
Ambient temperature	[°C]	0...70	
Storage temperature	[°C]	-20...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	
UL approval		voltage supply	Class 2
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	
Mechanical data			
Weight	[g]	260.7	
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
		diagnosis	LED, yellow
		operation	LED, green AS-i, AUX
		errors	LED, red
Accessories			
Items supplied		COMBICON connectors	
Remarks			
Pack quantity		1 pcs.	

AC3216

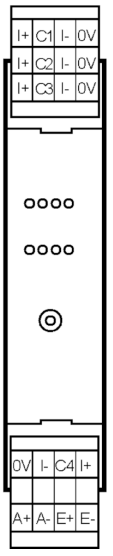
AS-Interface control cabinet module

SmartL25 4 AI (C) C IP20

Electrical connection

pin headers: 4 x ; Spacing: 5.0 mm

Connection



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