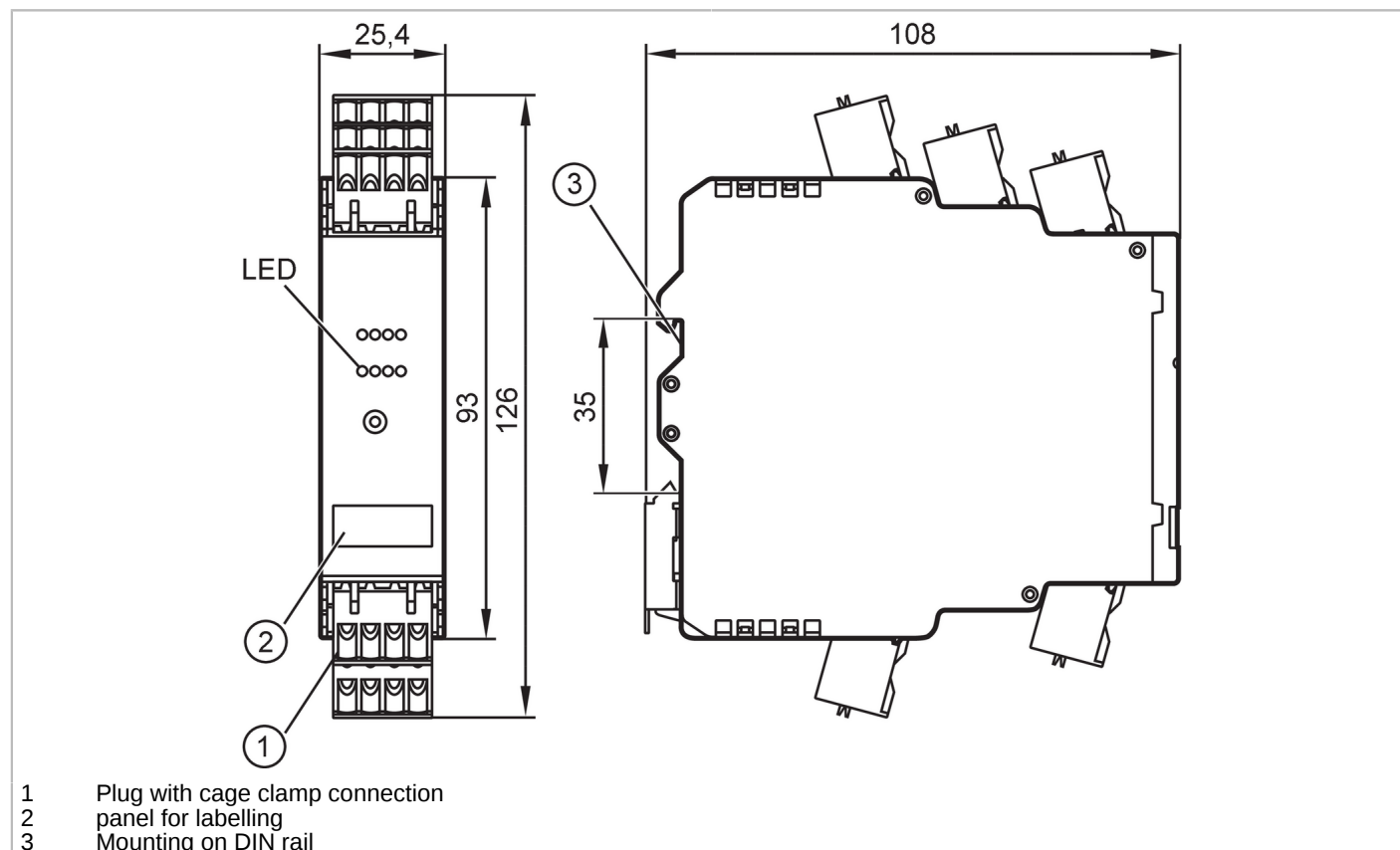




AS-Interface control cabinet module

SmartL25 4 AI (C) C IP20



Application

Design	housing for DIN rail mounting
Application	I/O modules for control cabinet installations

Electrical data

Operating voltage	[V]	26.5...31.6 DC
Current consumption	[mA]	10...53; (External supply)
Max. current consumption from AS-i	[mA]	53; (with external supply: 28 mA)
Reverse polarity protection		yes
Max. current load total	[A]	0.5; (with external supply; with external supply: 100 mA)
Additional voltage supply	[V]	20...30 DC; (AUX)
Additional voltage supply		optional

Inputs / outputs

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

Sensor supply of the inputs		AS-i / AUX
Max. total current rating of inputs	[mA]	100
Number of analog inputs		4
Analog input (current)	[mA]	4...20
Analog inputs protected against short circuits		no



AS-Interface control cabinet module

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Resolution of analog input		16 (1 bit = 1 μA)	
Operating conditions			
Ambient temperature	[°C]	-25...70	
Storage temperature	[°C]	-25...75	
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	
Mechanical data			
Weight	[g]	199	
Housing		rectangular	
Type of mounting		Mounting on DIN rail; (TH35 (EN 60715))	
Dimensions	[mm]	126 x 25.4 x 108	
Material		PC-GF20	
Displays / operating elements			
Display		Power	LED, green Voltage AS-i / 24 V AUX
		errors	LED, red
		Function	LED, yellow Channels 1...4
Accessories			
Items supplied		Combicon connector	
Remarks			
Pack quantity		1 pcs.	

AC3210



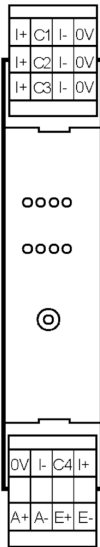
AS-Interface control cabinet module

SmartL25 4 AI (C) C IP20

Electrical connection

pin headers: 4 x ; Spacing: 5.0 mm

Connection



I+	Sensor supply +24V
C1...4	analog input Current
I-	Sensor supply 0V
0V	analog input 0V
A+	AS-i +
A-	AS-i -
E+	External sensor supply +24V
E-	External sensor supply 0V