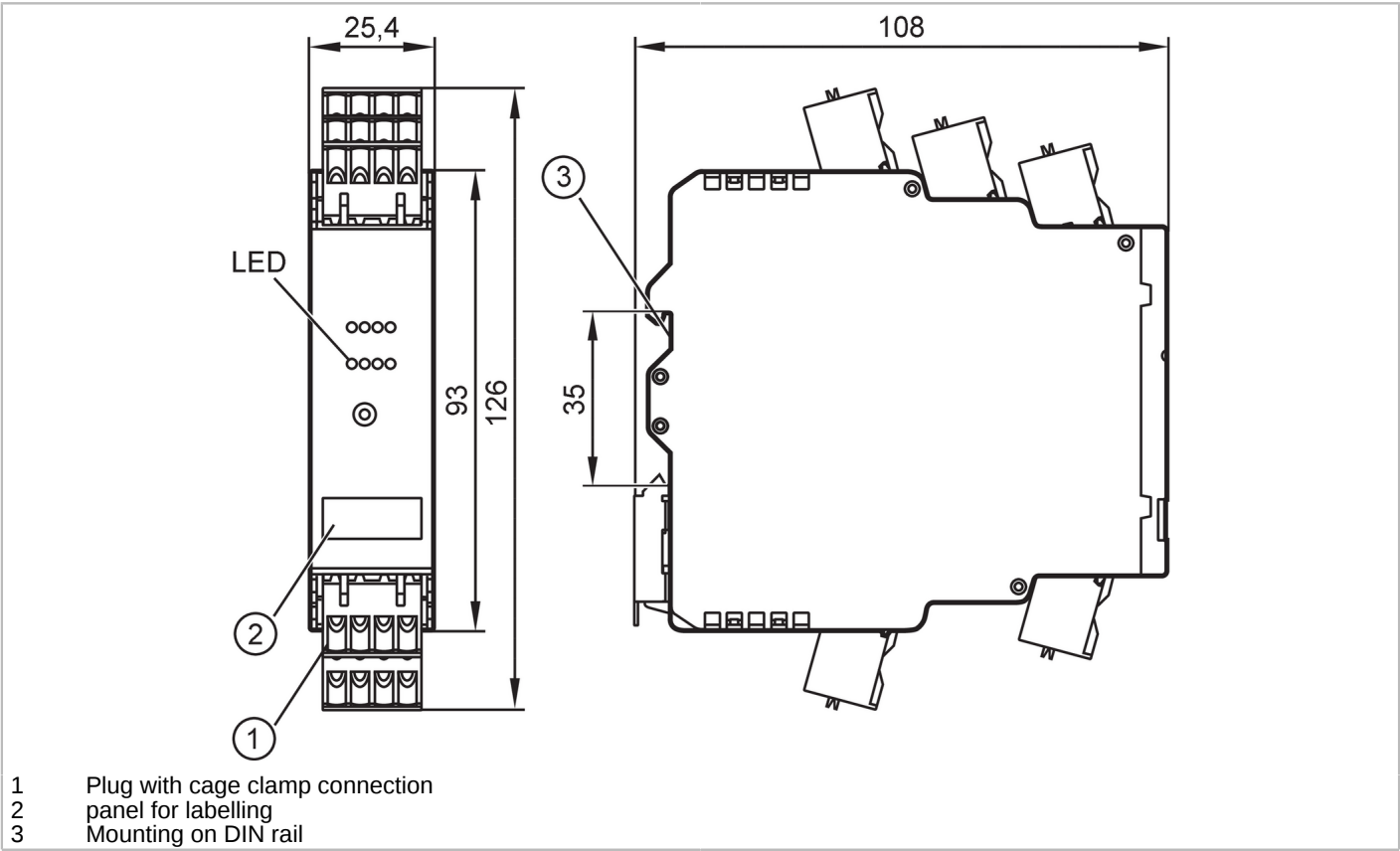




AS-Interface control cabinet module

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
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 analog 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 analog inputs		4; (connection of 2-wire, 3-wire and 4-wire sensors)
Analog input (current)	[mA]	4...20
Short-circuit proof		no

AC3216



AS-Interface control cabinet module

SmartL25 4 AI (C) C IP20

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	
Material	PC-GF20	
Displays / operating elements		
Display	analog signal	LED, yellow Channels AI1...AI4
	diagnosis	LED, yellow
	Power	LED, green AS-i, AUX
	errors	LED, red
Accessories		
Items supplied	Combicon connector	
Remarks		
Pack quantity	1 pcs.	

AC3216



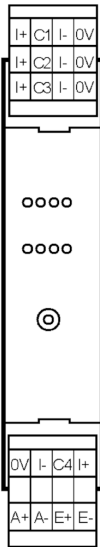
AS-Interface control cabinet module

SmartL25 4 AI (C) C IP20

Electrical connection

pin headers: 4 x ; Spacing: 5.0 mm

Connection



I+	Sensor supply +24V
C1...4	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