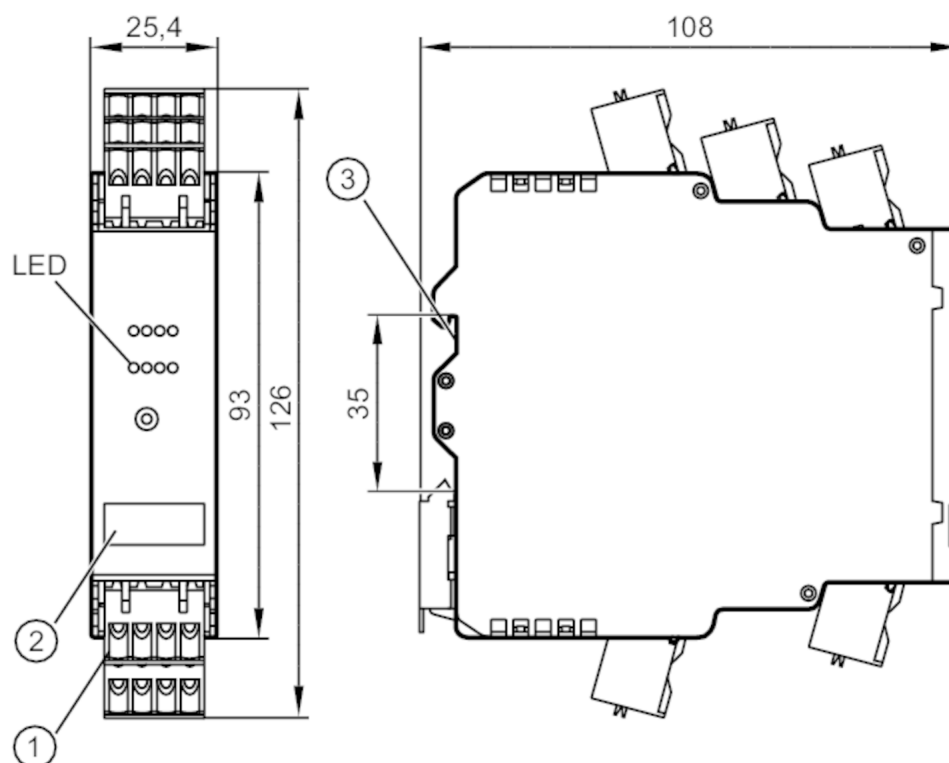


AS-Interface control cabinet module

SmartL25 4 AI (V) C IP20



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



Electrical data

Operating voltage	[V]	26.5...31.6 DC; ("supply class 2" to cULus)
Current consumption	[mA]	10...53; (external supply)
Max. current consumption from AS-i	[mA]	53; (with external supply: 28 mA)
Reverse polarity protection		yes
Additional voltage supply	[V]	24 DC; (AUX)

Inputs / outputs

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

Number of analogue inputs	4
Analogue input (voltage)	[V] 0...10
Analogue inputs protected against short circuits	no
Resolution of analogue input	16 (1 bit = 1 mV)
Sensor supply of the inputs	AS-i / external (to PELV)

Outputs

Electrical design	AS-i
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AS-Interface control cabinet module

SmartL25 4 AI (V) C IP20

Operating conditions		
Ambient temperature	[°C]	0...70
Storage temperature	[°C]	-20...85
Protection		IP 20
Protection rating terminals		IP 20
Tests / approvals		
EMC	EN 61000-6-2	
	EN 61000-6-4	
MTTF	[years]	120
AS-i classification		
AS-i version		2.11 + 3.0
Extended addressing mode possible		no
AS-i profile		S-7.3.E
AS-i I/O configuration	[hex]	7
AS-i ID code	[hex]	3.E
AS-i certificate pending		yes
Mechanical data		
Weight	[g]	173
Type of mounting		mounting on DIN rail
Materials		PC-GF20
Displays / operating elements		
Display	operation	LED, green Voltage AS-i / 24 V AUX
	errors	LED, red
	function	LED, yellow channels 1...4
Accessories		
Accessories (optional)		COMBICON connectors
Remarks		
Pack quantity		1 pcs.



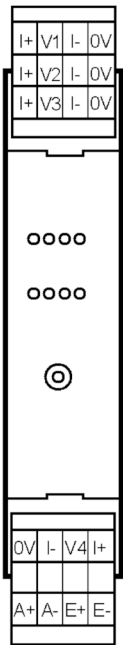
AS-Interface control cabinet module

SmartL25 4 AI (V) C IP20

Electrical connection

pin headers: 4 x ; Spacing: 5.0 mm

Connection



I+	Sensor supply +24V
V1...4	analogue input Voltage
I-	Sensor supply 0V
0V	analogue input 0V
A+	AS-i +
A-	AS-i -
E+	external sensor supply +24V
E-	external sensor supply 0V