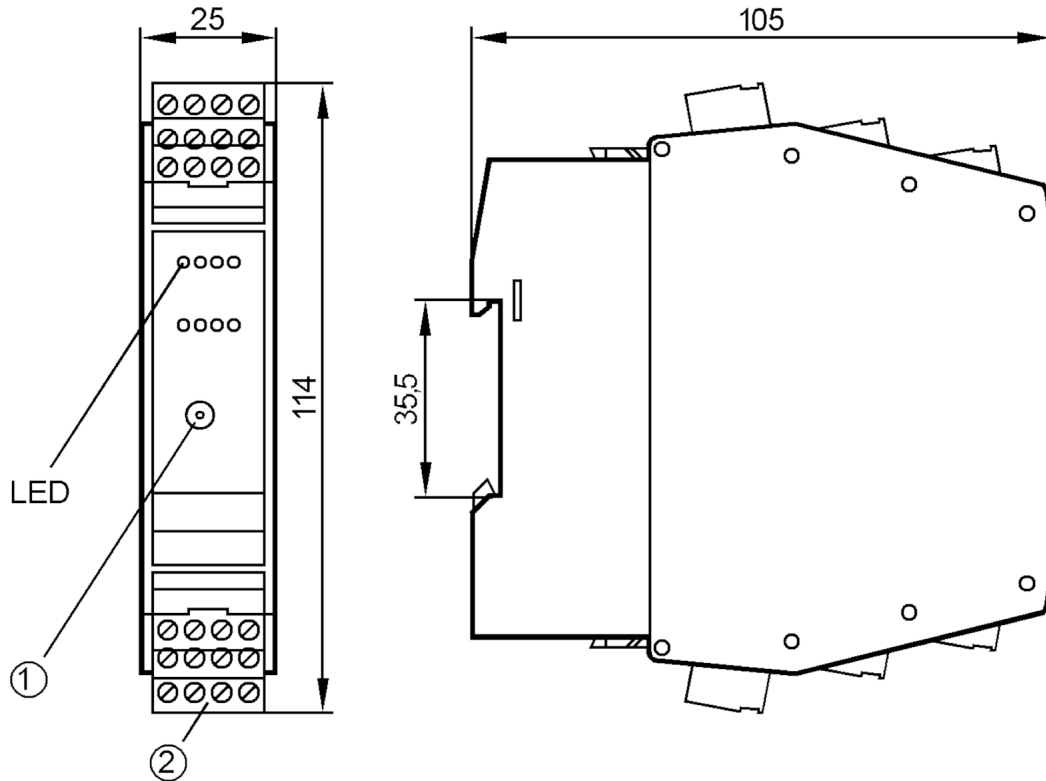




AS-Interface control cabinet module

SmartLine25 4AI (Pt100)C IP20



- 1 addressing socket
2 COMBICON connector with screw terminals optional



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
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Inputs

Number of Pt100 inputs		4
voltage supply	[V]	24
Max. total current rating of inputs	[mA]	80
Digital inputs protected against short circuits		yes
Resolution of analogue input		16 / 0.1 °C
Sensor supply of the inputs		AS-i

Measuring/setting range

Measuring range	[°C]	-200...850
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AS-Interface control cabinet module

SmartLine25 4AI (Pt100)C IP20

Operating conditions		
Ambient temperature	[°C]	0...70
Storage temperature	[°C]	-25...85
Protection		IP 20
Tests / approvals		
EMC		EN 50295
MTTF	[years]	140
AS-i classification		
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]	166.5
Type of mounting		mounting on DIN rail
Materials		PBT
Displays / operating elements		
Display	switching status	LED, yellow channels 1...4
	operation	LED, green Voltage AS-i - AS-i
	errors	LED, red
Remarks		
Remarks		operating voltage "supply class 2" according to cULus
Pack quantity		1 pcs.



AS-Interface control cabinet module

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Electrical connection

COMBICON:

Connection

FE	FE	FE	FE
S+	1+	1-	S-
S+	2+	2-	S-

S-	3-	3+	S+
S-	4-	4+	S+
A+	A-		

- S+

sensor inputs +
- S-

sensor inputs -
- 1+...4+

Outputs Drive + 4-wire Pt100
- 1-...4-

Outputs Drive - 4-wire Pt100
- FE

functional earth
- A+

AS-i +
- A-

AS-i -