

AC2220



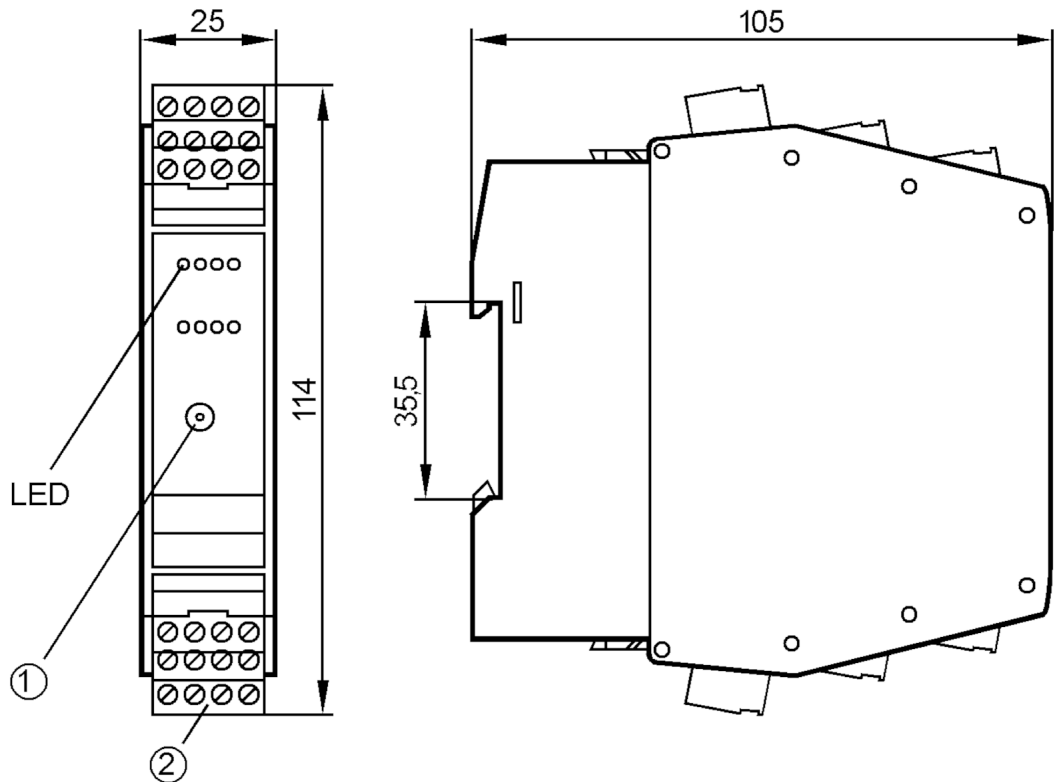
AS-Interface control cabinet module

SmartLine25 4AI (Pt100)C IP20

Article to be discontinued

Alternative articles: AC3222

When selecting an alternative article and accessories please note that technical data may differ!



- 1 Addressing socket
- 2 COMBICON connector with screw terminals optional



Product characteristics

Number of inputs and outputs	Number of Pt100 inputs: 4
Measuring range [°C]	-200...850

Application

Application	I/O modules for control cabinet installations
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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
Sensor supply of the inputs	AS-i

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Voltage supply	[V]	24
Max. total current rating of inputs	[mA]	80
Digital inputs protected against short circuits		yes
Resolution of analog input		16 / 0.1 °C
Measuring/setting range		
Measuring range	[°C]	-200...850
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 addressing		Addressing socket
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]	155.5
Type of mounting		Mounting on DIN rail
Material		PBT
Displays / operating elements		
Display	Switching status	LED, yellow Channels 1...4
	Power	LED, green Voltage AS-i - AS-i
	errors	LED, red
Remarks		
Remarks		cULus - Class 2 source required
Pack quantity		1 pcs.



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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 -