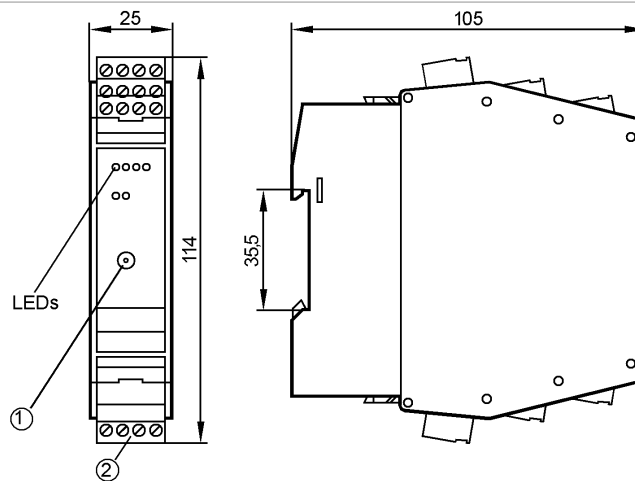


AC2250

SmartL25 4DI C

Bus system AS-Interface



- 1: Addressing socket
2: Combicon plug with screw terminals (optional)



Made in Germany

Product characteristics

Active AS-i module	
Mounting on DIN rail	
Combicon connection	
String mounting possible	
Addressing socket	
Version 2.1 with extended addressing mode	
Digital inputs	

Electrical data

Electrical design		4 inputs
Operating voltage	[V]	26.5...31.6 DC
Total current consumption from AS-i	[mA]	< 250

Inputs

Digital		
Circuit		PNP
Sensor supply		AS-i
Voltage range	[V]	16...30 DC
Max. current load for all inputs total	[mA]	200
Input current High/Low	[mA]	> 6 / < 2
Switching level High signal 1	[V]	> 11
Short-circuit proof		yes

Environment

Ambient temperature	[°C]	-25...70, cRUus: surrounding air temperature -25...60 °C
Protection		IP 20

Tests / approvals

EMC		EN 50295
MTTF	[Years]	391

AS-i classification

AS-i version		2.1
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AC2250

SmartL25 4DI C

Bus system AS-Interface

Extended addressing mode possible	version 2.1 / yes				
AS-i profile	S-0.A.E				
I/O configuration [hex]	0				
ID code [Hex]	A.E				
AS-i certificate	35401				
Data bits	Data bit	D0	D1	D2	D3
	Function	Input I1	Input I2	Input I3	Input I4

Mechanical data

Housing materials	PA
Weight [kg]	0.13

Displays / operating elements

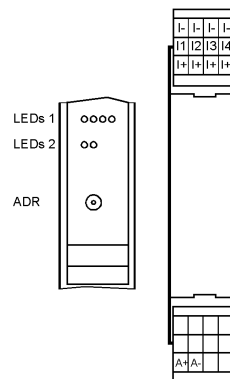
Output status indication	LED	yellow
Operation	LED	green
Error	LED	red

Electrical connection

Connection	Combicon
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Wiring

- A+: AS-i +
- A-: AS-i -
- I+: Sensor supply +24V
- I-: Sensor supply 0V
- I1...I4: Switching input Sensor 1...4



Accessories

Accessories (optional)	Combicon connector
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Remarks

Remarks	Do not connect any of the points I-, I+, I1, I2, I3, I4 to an external potential since they are electrically connected to the AS-i cable. If a slave with the ID code "A" (extended addressing mode possible) is used with a master of the first generation (version 2.0), the parameter P3 must be 1 and the output bit D3 = 0. The output bit D3 must not be used.
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Pack quantity [piece]	1
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