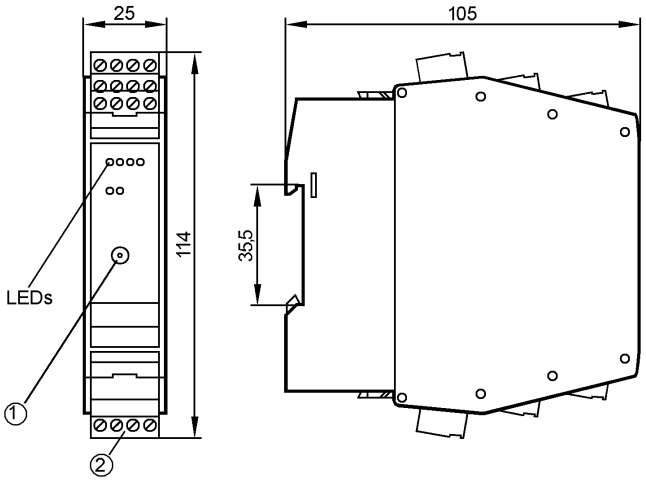
ecomat300

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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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	Inputg I3	Input I4

Mechanical data

Housing materials		PA
Weight	[kg]	0.13

Displays / operating elements

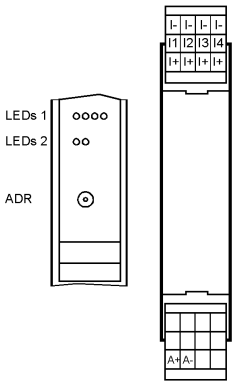
Output status indication	LED	yellow
Operation	LED	green
Error	LED	red

Electrical connection

Connection	Combicon

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

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.
Pack quantity [piece]	1