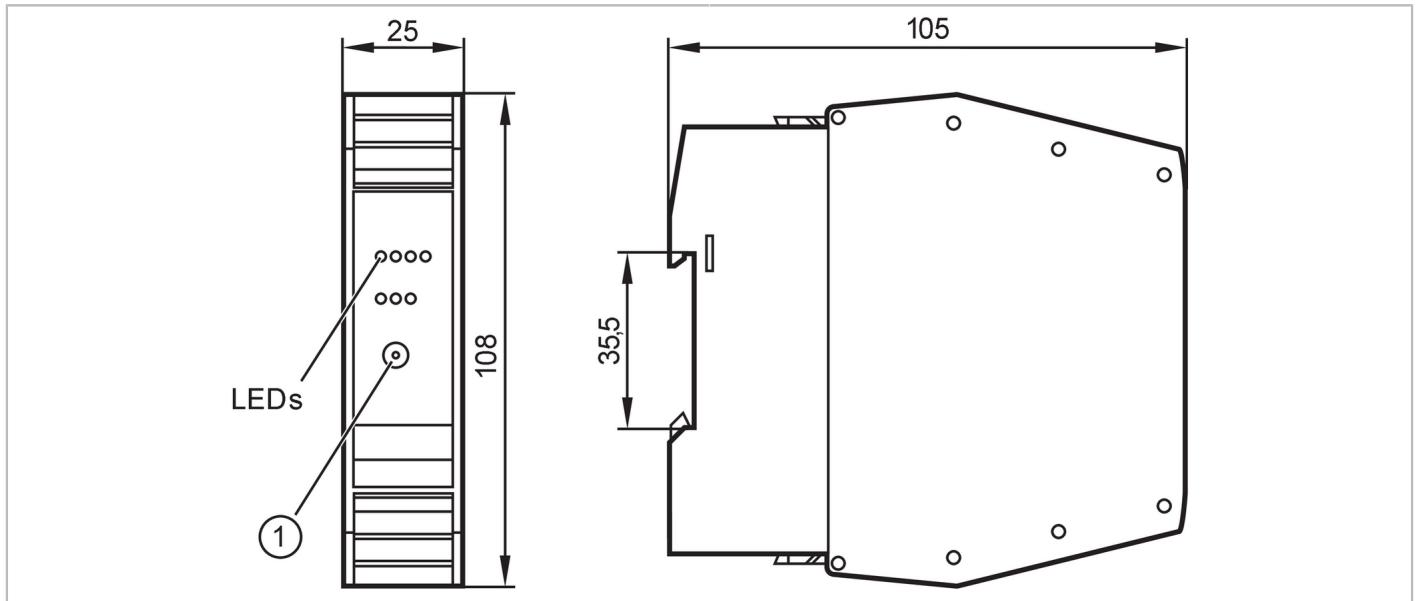


# AC2250



## AS-Interface control cabinet module

SmartL25 4DI C



Application		
Design		housing for DIN rail mounting
Application		Installation in control cabinets
Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	250
Inputs / outputs		
Number of inputs and outputs		Number of digital inputs: 4
Inputs		
Number of digital inputs		4
Input circuit of digital inputs		PNP; (type 2 according to IEC 61131-2)
Sensor supply of the inputs		AS-i
Voltage supply	[V]	18...30; (DC)
Max. total current rating of inputs	[mA]	200
Input current High	[mA]	6...10
Input current Low	[mA]	0...2
Switching level high	[V]	> 11
Digital inputs protected against short circuits		yes
Operating conditions		
Ambient temperature	[°C]	-25...70
Max. relative air humidity	[%]	90; (non condensing)
Max. height above sea level	[m]	2000
Protection		IP 20
Pollution degree		2



## AS-Interface control cabinet module

SmartL25 4DI C

Tests / approvals					
EMC	EN 61000-6-2				
	EN 62026-2				
	EN 50581				
MTTF	[years]	391			
AS-i classification					
AS-i version	2.11; 3.0				
AS-i addressing	addressing socket				
Extended addressing mode	yes				
AS-i profile	S-0.A.E				
AS-i I/O configuration	[hex]	0			
AS-i ID code	[hex]	A.E			
AS-i certificate	35401				
Assignment of the data bits	data bit	D0	D1	D2	D3
	input	I-1	I-2	I-3	I-4
Mechanical data					
Weight	[g]	136			
Housing	rectangular				
Type of mounting	mounting on DIN rail; (TH35 (EN 60715))				
Dimensions	[mm]	108 x 25 x 105			
Materials	PA				
Displays / operating elements					
Display	switching status	LED, yellow I1...I4			
	operation	LED, green AS-i			
	errors	LED, red			
Accessories					
Accessories (optional)	connectors				
Remarks					
Remarks	Do not connect any of the following points to an external potential: I-, I+, I1, I2, I3, I4				
	The connections are electrically connected with the AS-i cable.				
Pack quantity	1 pcs.				

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### Electrical connection

pin header:

Connection

I-	I-	I-	I-
I1	I2	I3	I4
I+	I+	I+	I+

A+	A-		

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