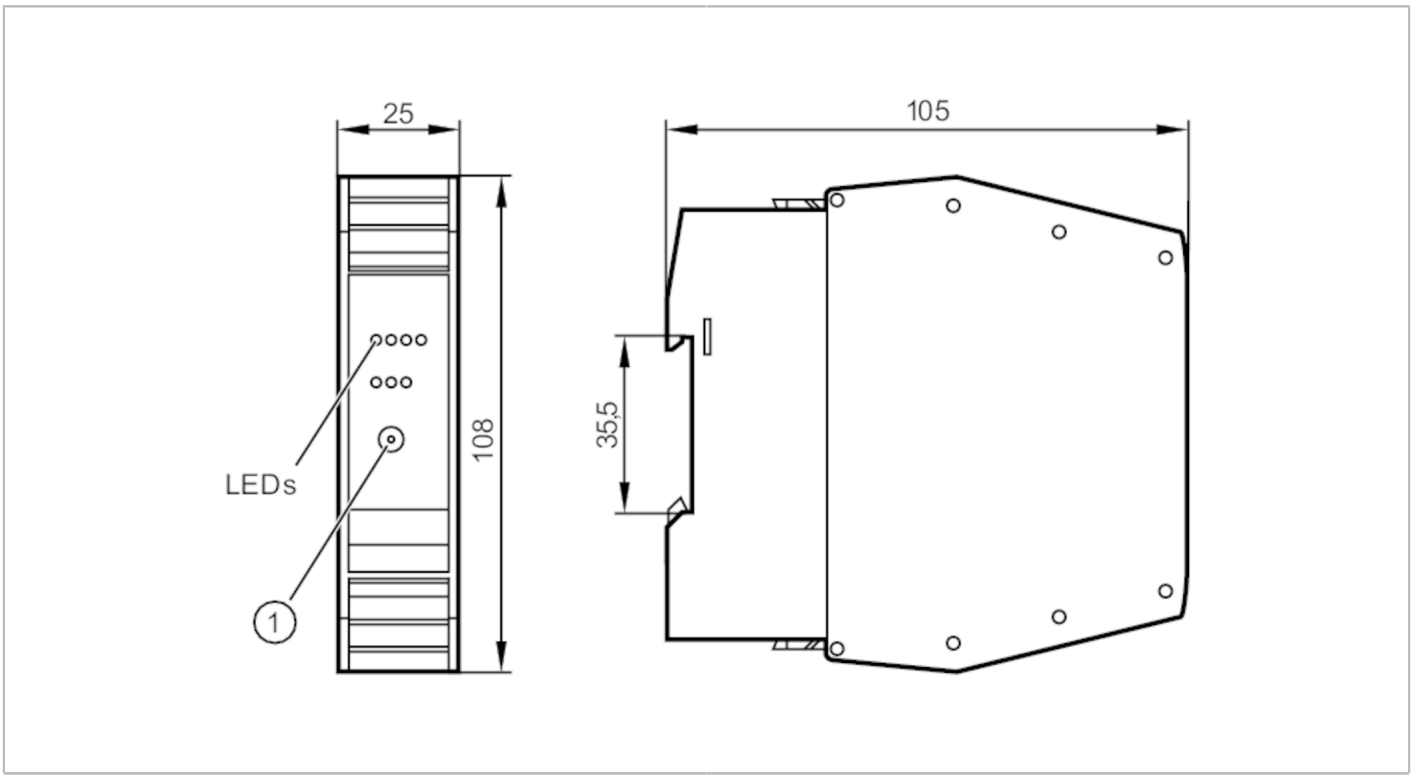
AC2250

AS-Interface control cabinet module

SmartL25 4DI C



Application		
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
Power 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)

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Max. height above sea level	[m]	2000				
Protection		IP 20				
Pollution degree		2				
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				
Type of mounting		mounting on DIN rail				
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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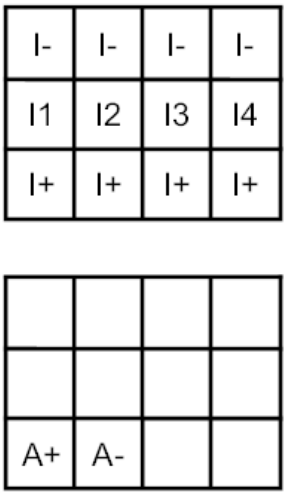
Electrical connection

pin header:

Connection



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