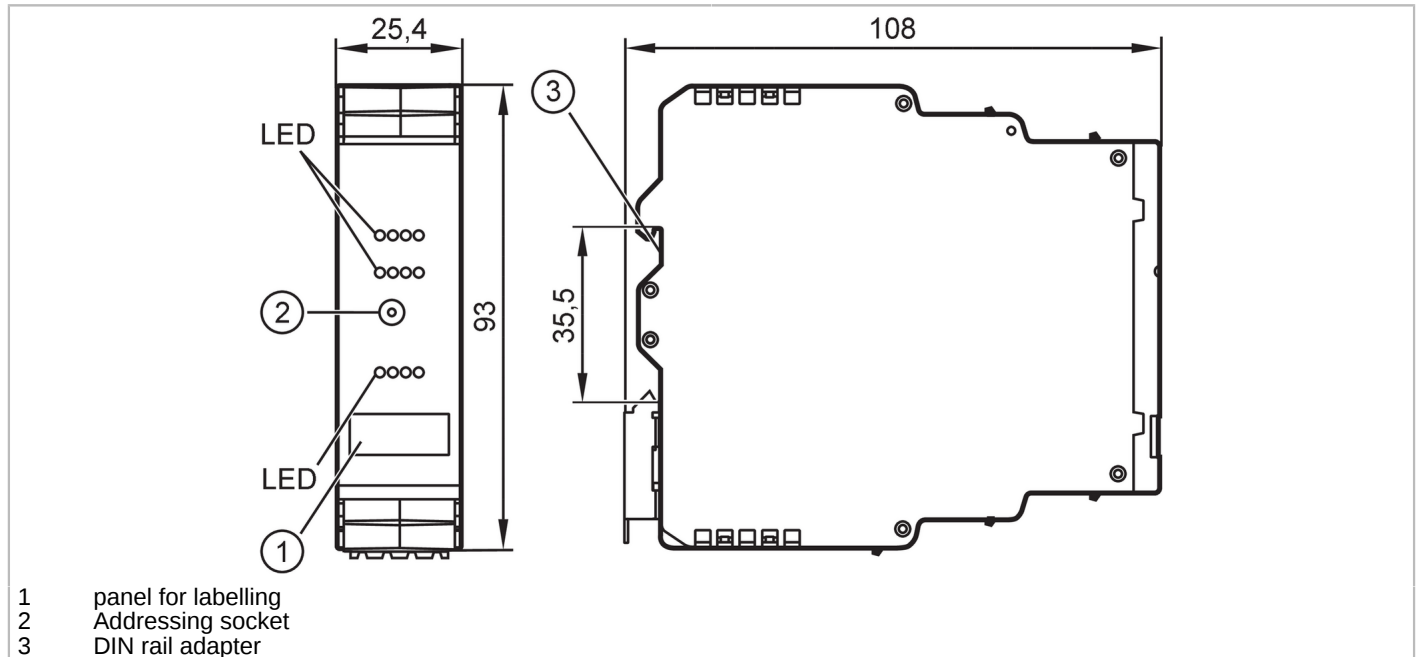


AS-Interface control cabinet module

SmartL25 4DI C



Application

Design	housing for DIN rail mounting
Application	I/O modules for control cabinet installations

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
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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



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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 master profile		M2; M3; M4					
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					
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]		93 x 25.4 x 108					
Material		PC-GF20					
Displays / operating elements							
Display		Switching status			LED, yellow I1...I4		
		Power			LED, green AS-i		
		errors			LED, red		
Accessories							
Accessories (optional)		connector					
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.					



AS-Interface control cabinet module

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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