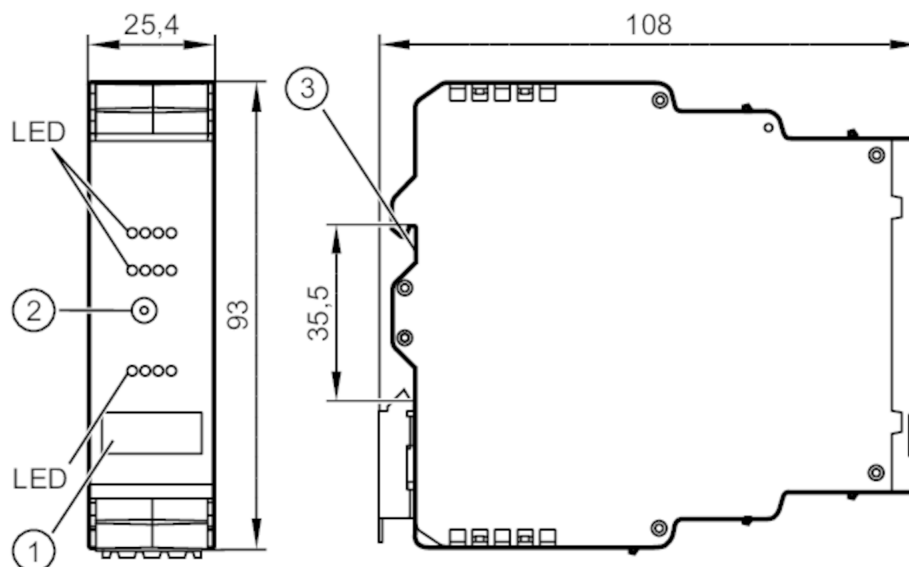


AS-Interface control cabinet module

SmartL25 4DI C



- 1 panel for labelling
- 2 addressing socket
- 3 DIN rail adapter



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



AS-Interface control cabinet module

SmartL25 4DI C

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			
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			
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		PC-GF20			
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.			



AS-Interface control cabinet module

SmartL25 4DI C

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