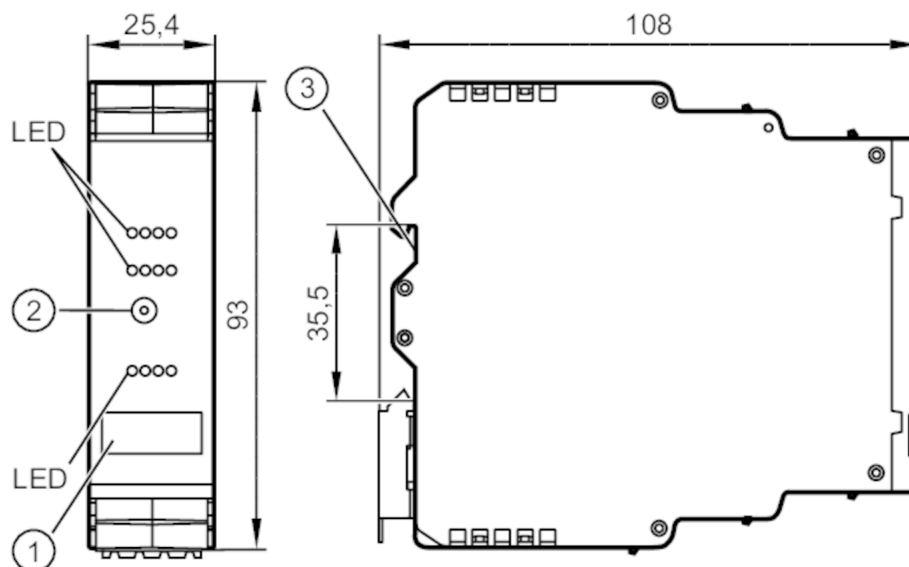


AS-Interface control cabinet module

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]	50
Additional voltage supply	[V]	20...30 DC; (AUX)
Max. current consumption from additional supply	[mA]	600; (AUX)

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		AUX
Power supply	[V]	18...30; (DC)
Max. total current rating of inputs	[mA]	500
Input current High	[mA]	6...10
Input current Low	[mA]	0...2



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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			
Tests / approvals					
EMC		EN 61000-6-2			
		EN 62026-2			
		EN 50581			
MTTF	[years]	485			
Notes		The device shall be supplied from an isolating source.; This voltage source must have a secondary UL-listed fuse (see enclosed sheet).; Alternatively, a class 2 power supply can be used to supply AUX.			
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		39402			
Assignment of the data bits	data bit	D0	D1	D2	D3
	input	I-1	I-2	I-3	I-4
Mechanical data					
Weight	[g]	142			
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, AUX			
	errors	LED, red			
Accessories					
Accessories (optional)		connectors			
Remarks					
Pack quantity		1 pcs.			



AS-Interface control cabinet module

SmartL25 4DI C

Electrical connection

pin header:

Connection

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

A+	A-		

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