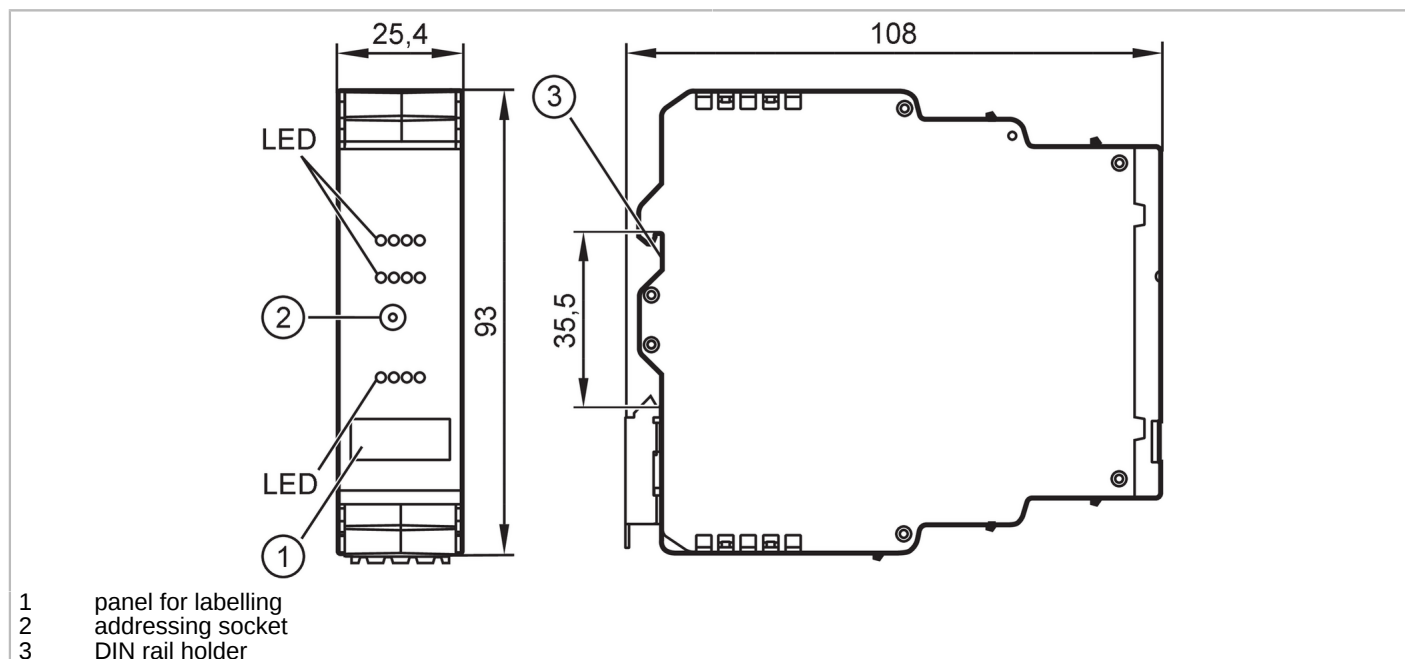


AS-Interface control cabinet module

SmartLine SafetyModul



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
Max. current load total	[A]	6; (ohmic resistance)
Integrated watchdog		yes

Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 2; Number of relay outputs: 2
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Inputs

Number of digital inputs		2; (2 x safety input)
Input circuit of digital inputs		PNP; (DC)
Sensor supply of the inputs		AS-i
Max. total current rating of inputs	[mA]	100
Input current High	[mA]	10
Short-circuit protection digital inputs		yes

Outputs

Voltage range DC	[V]	24; (The outputs O3 + O4 must be supplied in pairs with the same voltage. 2 x 24 V DC)
Voltage range AC	[V]	10...240; (The outputs O3 + O4 must be supplied in pairs with the same voltage. 2 x 240 V AC)
Max. current load per output	[mA]	6000; (ohmic resistance)
Number of relay outputs		2



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Short-circuit proof		no				
Electrically separated		yes				
Operating conditions						
Ambient temperature		[°C]	-25...50			
Storage temperature		[°C]	< 80			
Max. relative air humidity		[%]	80; (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 61326-3-1				
		EN 61000-6-4				
Standard		EN 61010-1; EN 13849-1; EN 63000				
Safety classification						
Complies with the requirements		ISO 13849-1 category 4, PL e				
		IEC 61508 SIL 3				
Mission time TM		[h]	175200			
Mission time TM (additional indication)			20 years			
PFH		[1/h]	4E-09			
AS-i classification						
AS-i version			2.11; 3.0			
AS-i addressing			addressing socket			
Extended addressing mode			no			
AS-i profile			S-7.B.E			
AS-i I/O configuration		[hex]	7			
AS-i ID code		[hex]	B.E			
AS-i certificate			62001			
Assignment of the data bits		data bit	D0	D1	D2	D3
		input	SI-1	SI-1	SI-2	SI-2
		Output	O-1	O-2	O-3	O-4
Mechanical data						
Weight		[g]	258			
Housing			rectangular			
Type of mounting			mounting on DIN rail; (TH35 (EN 60715))			
Dimensions		[mm]	93 x 25.4 x 108			
Materials			PC-GF20			
Displays / operating elements						
Display		switching status		LED, yellow SI1...SI2, O3...O4		
		operation		LED, green AS-i		
		errors		LED, red ERR O1...O2		
Remarks						
Pack quantity			1 pcs.			

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Electrical connection

pin headers: 4 x ; Spacing: 5.0 mm

Connection

