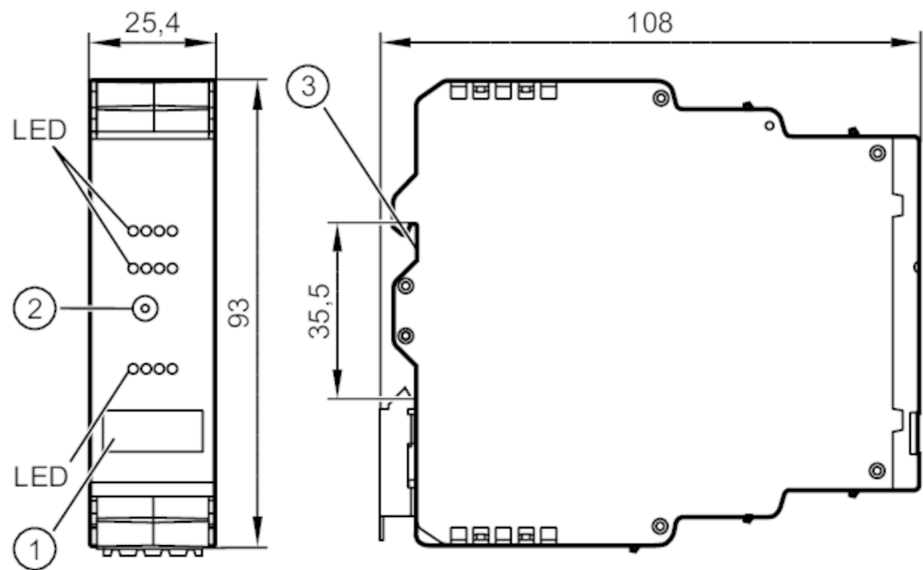




AS-Interface control cabinet module

SmartLine SafetyModul



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



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
Max. current load total [A]	6; (resistive load)
Integrated watchdog	yes
Inputs / outputs	
Number of inputs and outputs	Number of digital inputs: 2; Number of relay outputs: 2
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



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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; (resistive load)				
Number of relay outputs		2				
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				
Degree of soiling		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				
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]	257.75				
Housing		rectangular				
Type of mounting		Mounting on DIN rail; (TH35 (EN 60715))				
Dimensions	[mm]	93 x 25.4 x 108				
Material		PC-GF20				



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Displays / operating elements

Display	Switching status	LED, yellow SI1...SI2, O3...O4
	Power	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

