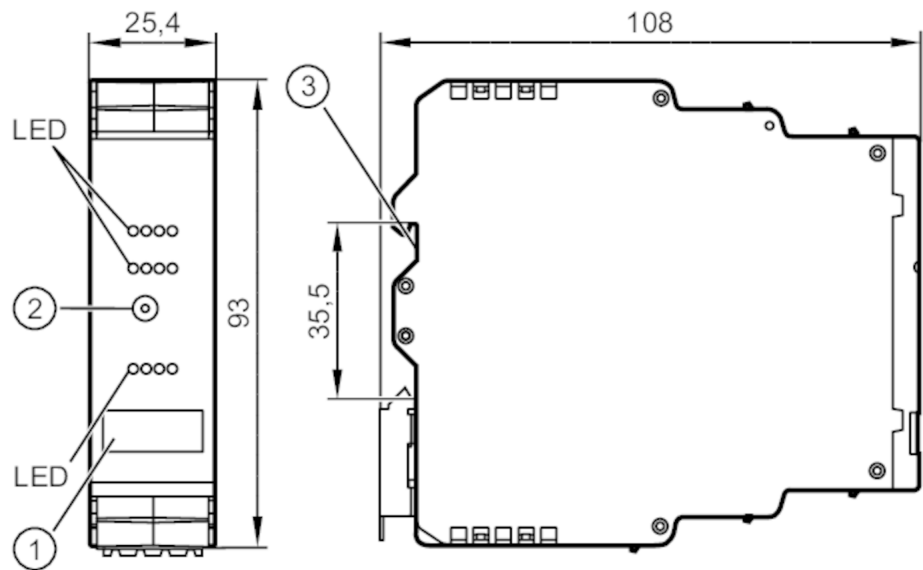




AS-Interface control cabinet module

SmartL25 4DI 2DO R C



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



Application		
Application	Встановлення до шафи керування	
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)
Integrated watchdog		yes
Inputs / outputs		
Number of inputs and outputs	Number of digital inputs: 4; Number of relay outputs: 2	
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
Подача напруги	[V]	18...30; (DC)
Max. total current rating of inputs	[mA]	500
Input current High	[mA]	6...10



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Input current Low	[mA]	0...2
Switching level high	[V]	> 11
Digital inputs protected against short circuits		yes
Outputs		
Voltage range DC	[V]	24
Voltage range AC	[V]	10...240
Max. current load per output	[mA]	6000; (240 V AC; 24 V DC; ohmic resistance)
Number of relay outputs		2
Short-circuit proof		no
Electrically separated		yes
Operating conditions		
Ambient temperature	[°C]	-25...60
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	[ANN]	383
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
Розширений режим адресації		yes
AS-i master profile		M2; M3; M4
AS-i profile		S-7.A.E
AS-i I/O configuration	[hex]	7
AS-i ID code	[hex]	A.E
AS-i certificate pending		yes
Assignment of the data bits	data bit	D0 D1 D2 D3
	input	I-1 I-2 I-3 I-4
	Output	O-1 O-2 - -
Mechanical data		
Weight	[g]	171
Type of mounting		mounting on DIN rail
Materials		PC-GF20



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Displays / operating elements

Display	switching status	LED, yellow I1...I4, O1...O2
	operation	LED, green AS-i, AUX
	errors	LED, red

Аксессуары

Accessories (optional)	connectors
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Remarks

Pack quantity	1 pcs.
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Electrical connection

pin header:

Connection

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

14	11	11	12
24	21	21	22
A+	A-		

A+	AS-i +
A-	AS-i -
I+	Sensor supply +24V
I-	Sensor supply 0V
E+	external voltage supply for sensors + 24 V (AUX)
E-	external voltage supply for sensors + 0 V (AUX)
I1...I4	switching input sensor 1...4
O1...O2	switching output relay 1...2
11	relay O1 changeover contact, common
12	relay O1 changeover contact, normally closed contact
14	relay O1 changeover contact, normally open
21	relay O2 changeover contact, common
22	relay O2 changeover contact, normally closed contact
24	relay O2 changeover contact, normally open