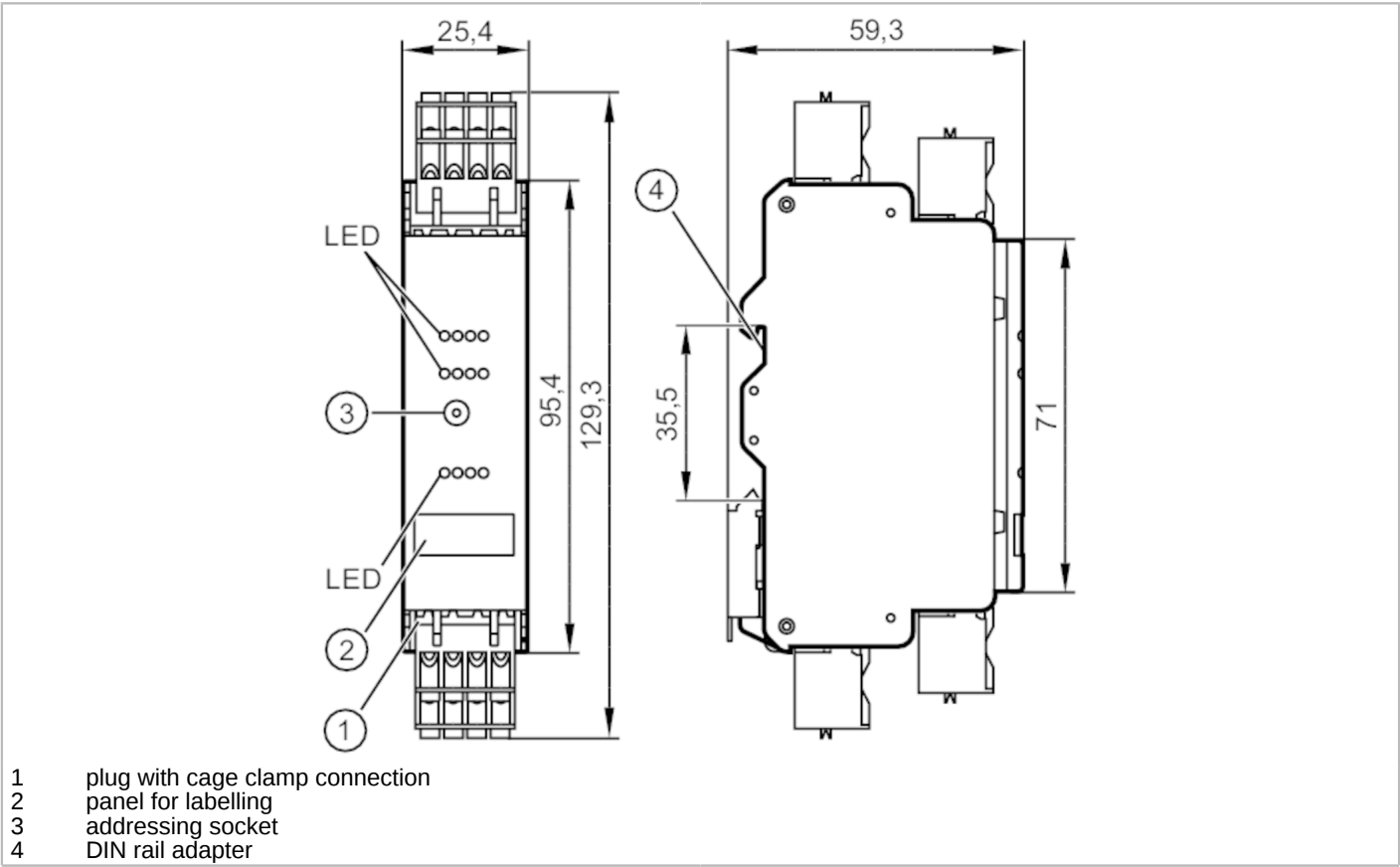




AS-Interface control cabinet module

SmartL25 4DI AUX 4DO T C



Application	
Design	only for operation with AS-i masters with the profile M4
Application	Встановлення до шафи керування
Electrical data	
Operating voltage [V]	18...31.6 DC
Max. current consumption from AS-i [mA]	30
Additional voltage supply [V]	20...30 DC; (AUX)
Max. current consumption from additional supply [mA]	5100; (AUX)
Integrated watchdog	yes
Inputs / outputs	
Number of inputs and outputs	Number of digital inputs: 4; Number of digital outputs: 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
Подача напруги [V]	18...30; (DC)
Max. total current rating of inputs [mA]	1000
Input current High [mA]	6...10



AS-Interface control cabinet module

SmartL25 4DI AUX 4DO T C

Input current Low	[mA]	0...2
Switching level high	[V]	> 11
Digital inputs protected against short circuits		yes
Outputs		
Number of digital outputs		4
Circuit		PNP
Voltage range DC	[V]	20...30; (AUX)
Max. current load per output	[mA]	1000; (utilisation category DC-12: 700 mA; utilisation category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1))
Max. current load outputs total	[A]	4
Short-circuit proof		yes
Electrically separated		yes
Actuator supply outputs		AUX
Operating conditions		
Ambient temperature	[°C]	-25...60
Note on ambient temperature		the derating of the current load indicated in the operating instructions is to be taken into account at the following ambient temperature: > 40 °C
Storage temperature	[°C]	-25...75
Max. relative air humidity	[%]	90; (non condensing)
Max. height above sea level	[m]	2000
Protection		IP 20
Protection rating terminals		IP 20
Pollution degree		2
Tests / approvals		
EMC		EN 62026-2
		EN 61000-6-2
		EN 61000-6-3
MTTF	[ANN]	277
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		3.0
AS-i addressing		addressing socket
Розширений режим адресації		yes
AS-i master profile		M4
AS-i profile		S-7.A.7
AS-i I/O configuration	[hex]	7
AS-i ID code	[hex]	A.7
AS-i ID1 code	[hex]	7; (fixed)
AS-i certificate		124401



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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	O-3	O-4

Mechanical data	
Weight	[g] 123.8
Type of mounting	mounting on DIN rail
Materials	plastics; PC-GF20

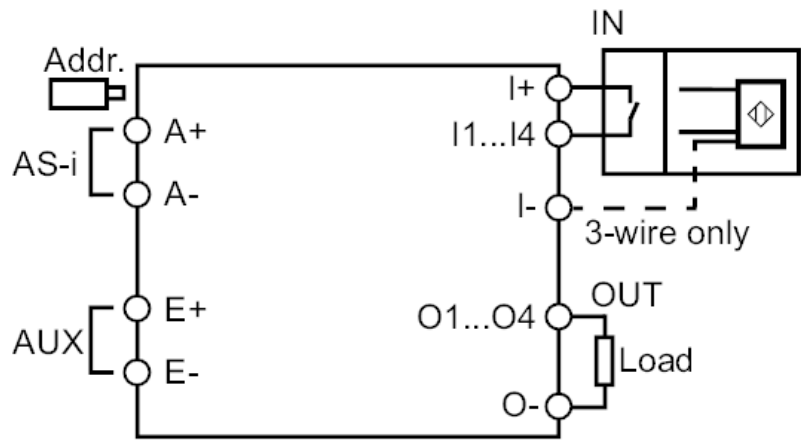
Displays / operating elements		
Display	switching status	LED, yellow I1...I4, O1...O4
	operation	LED, green AS-i, AUX
	errors	LED, red

Аксессуары	
Items supplied	cage clamps

Remarks	
Pack quantity	1 pcs.

Electrical connection	
pin headers: 4 x ; Spacing: 5.0 mm	

Connection	
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A+	AS-i +
A-	AS-i -
I+	Sensor supply +24V
I-	Sensor supply 0V
E+	external voltage supply for sensors/actuators +24V (AUX)
E-	external voltage supply for sensors/actuators 0V (AUX)
I1...I4	switching input sensor 1...4
O1...O4	switching output actuator 1...4
O-	switching output actuator 0V