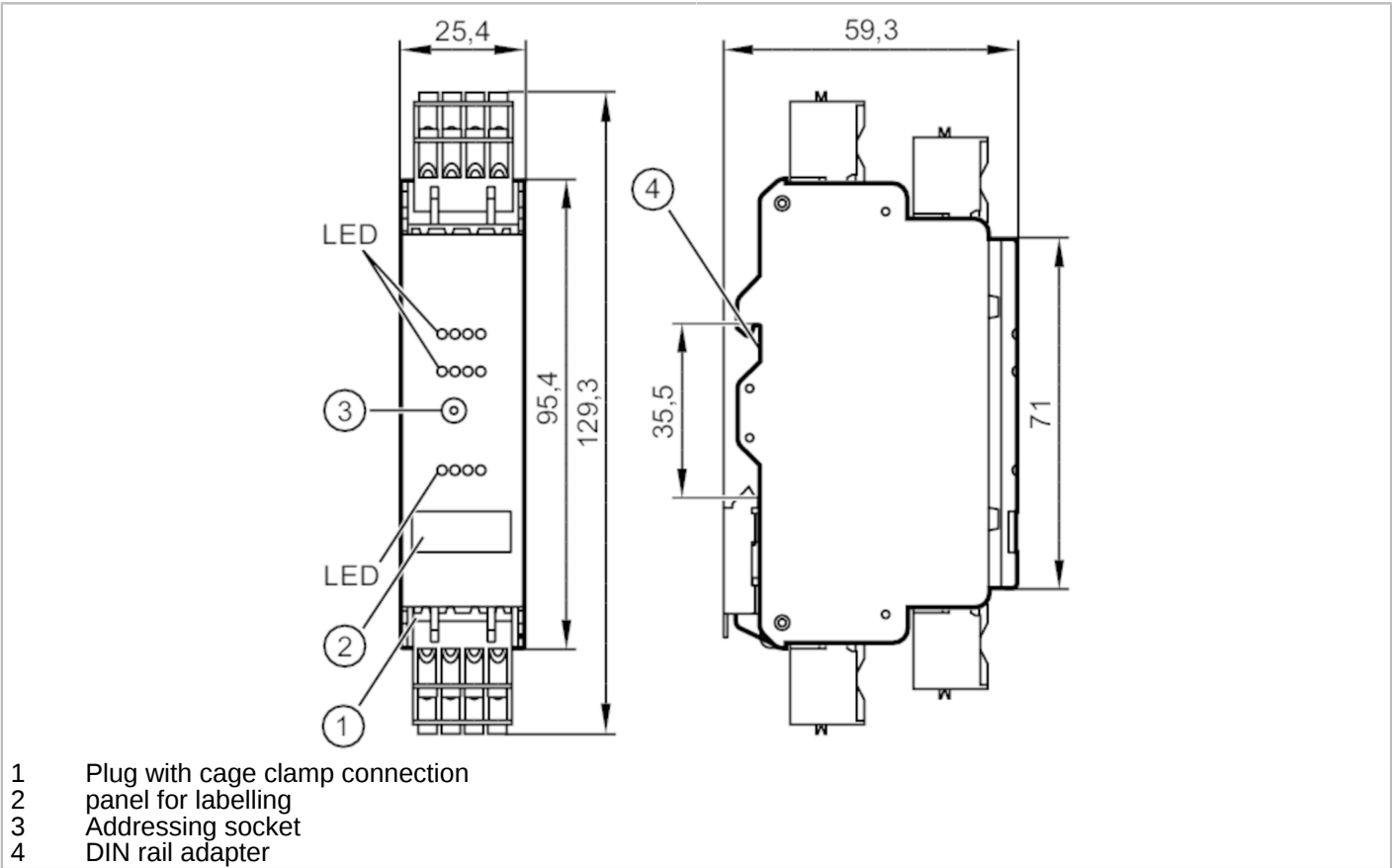




AS-Interface control cabinet module

SmartL25 4DI AUX 4DO T C



Application	
Application	I/O modules for control cabinet installations
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



AS-Interface control cabinet module

SmartL25 4DI AUX 4DO T C

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
Voltage supply [V]		18...30; (DC)
Max. total current rating of inputs [mA]		1000
Input current High [mA]		6...10
Input current low [mA]		0...2
Min. switching level high signal [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; (utilization category DC-12: 700 mA; utilization 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
Degree of soiling		2
Tests / approvals		
EMC	EN 62026-2	
	EN 61000-6-2	
	EN 61000-6-3	
MTTF [years]		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-Interface control cabinet module

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AS-i classification					
AS-i version	2.11; 3.0				
AS-i addressing	Addressing socket				
Extended addressing mode	no				
AS-i profile	S-7.0.E				
AS-i I/O configuration	[hex]	7			
AS-i ID code	[hex]	0.E			
AS-i certificate pending	yes				
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]	117.9			
Type of mounting	Mounting on DIN rail				
Material	plastics; PC-GF20				
Displays / operating elements					
Display	Switching status			LED, yellow I1...I4, O1...O4	
	Power			LED, green AS-i, AUX	
	errors			LED, red	
Accessories					
Items supplied	cage clamps				
Remarks					
Pack quantity	1 pcs.				



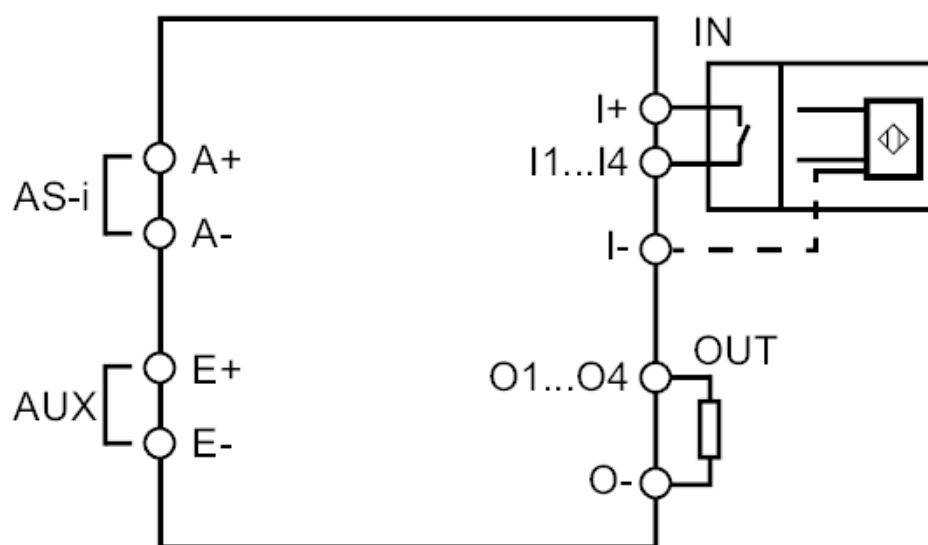
AS-Interface control cabinet module

SmartL25 4DI AUX 4DO T C

Electrical connection

pin headers: 4 x ; Spacing: 5.0 mm

Connection



A+	AS-i +
A-	AS-i -
I+	Sensor supply +24V
I-	Sensor supply 0V
E+	external sensor supply for sensors/actuators +24V (AUX)
E-	external sensor 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