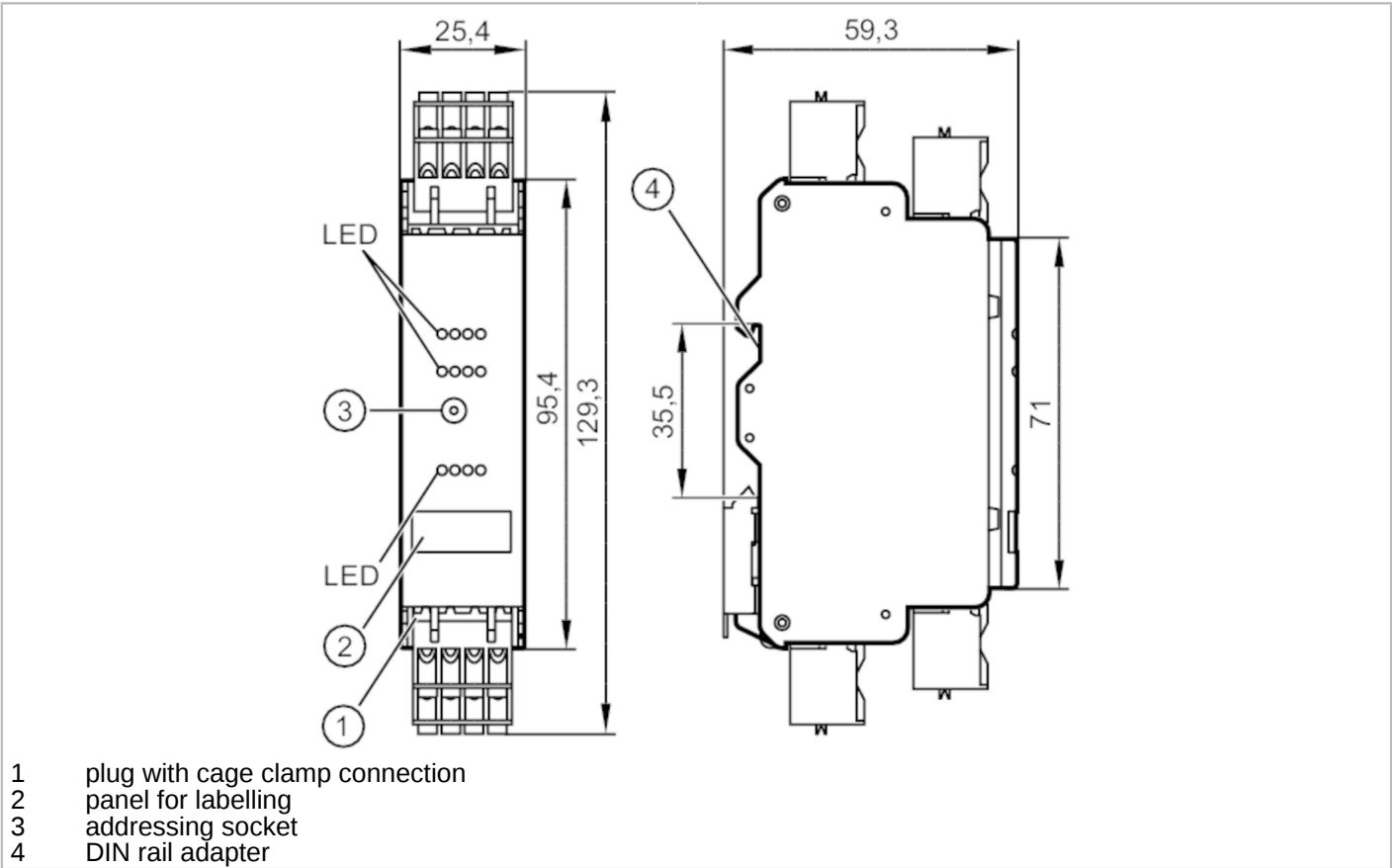




AS-Interface control cabinet module

SmartL25 4DI AUX 4DO T C



Application	
Application	only for operation with AS-i masters with the profile M4
Electrical data	
Operating voltage [V]	18...31.6 DC; (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.)
Max. current consumption from AS-i [mA]	30
Max. current load total [A]	4; (> 50 °C: 2000 mA)
Additional voltage supply [V]	20...30 DC; (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

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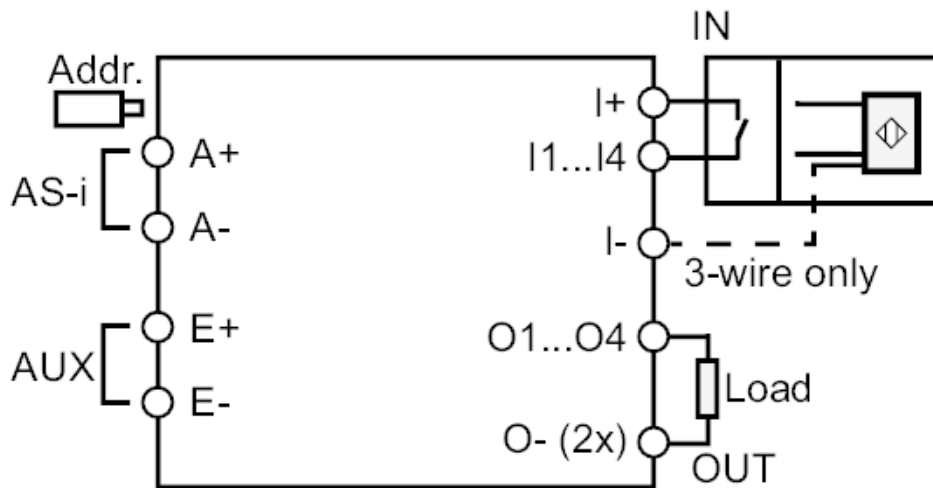
Inputs		
Number of digital inputs		4
Input circuit of digital inputs		PNP; (type 2 according to IEC 61131-2)
voltage supply [V]		16...30
Max. total current rating of inputs [mA]		1000
Input current High [mA]		6...10
Input current Low [mA]		0...2
Min. switching level high signal [V]		11
Digital inputs protected against short circuits		yes
Sensor supply of the inputs		external (E+/E-), to SELV
Outputs		
Number of digital outputs		4
Beschaltung		PNP
Voltage range DC		20...30; (external (E+/E-), to SELV)
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))
Short-circuit proof		yes
Electrically separated		yes
Operating conditions		
Ambient temperature [°C]		-25...65
Max. relative air humidity [%]		90; (non condensing)
Max. height above sea level [m]		2000
Protection		IP 20
Protection rating terminals		IP 20
Tests / approvals		
EMC	EN 62026-2	
	EN 61000-6-2	
	EN 61000-6-3	
AS-i classification		
AS-i version		3.0
Extended addressing mode possible		yes
AS-i profile		S-7.A.7
AS-i I/O configuration [hex]		7
AS-i ID code [hex]		A.7
AS-i certificate		124401
Mechanical data		
Weight [g]		138
Type of mounting		mounting on DIN rail; string mounting possible
Materials		plastics; PC-GF20



AS-Interface control cabinet module

SmartL25 4DI AUX 4DO T C

Displays / operating elements		
Display	switching status	LED, yellow I1...I4, O1...O4
	operation	LED, green AS-i, AUX
	errors	LED, red
Accessories		
Accessories (supplied)	COMBICON connectors	
Remarks		
Pack quantity	1 pcs.	
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 voltage supply for actuators +24V (AUX)
E-	external voltage supply for actuators 0V (AUX)
I1...I4	switching input sensor 1...4
O1...O4	switching output actuator 1...4
O-	switching output actuator 0V