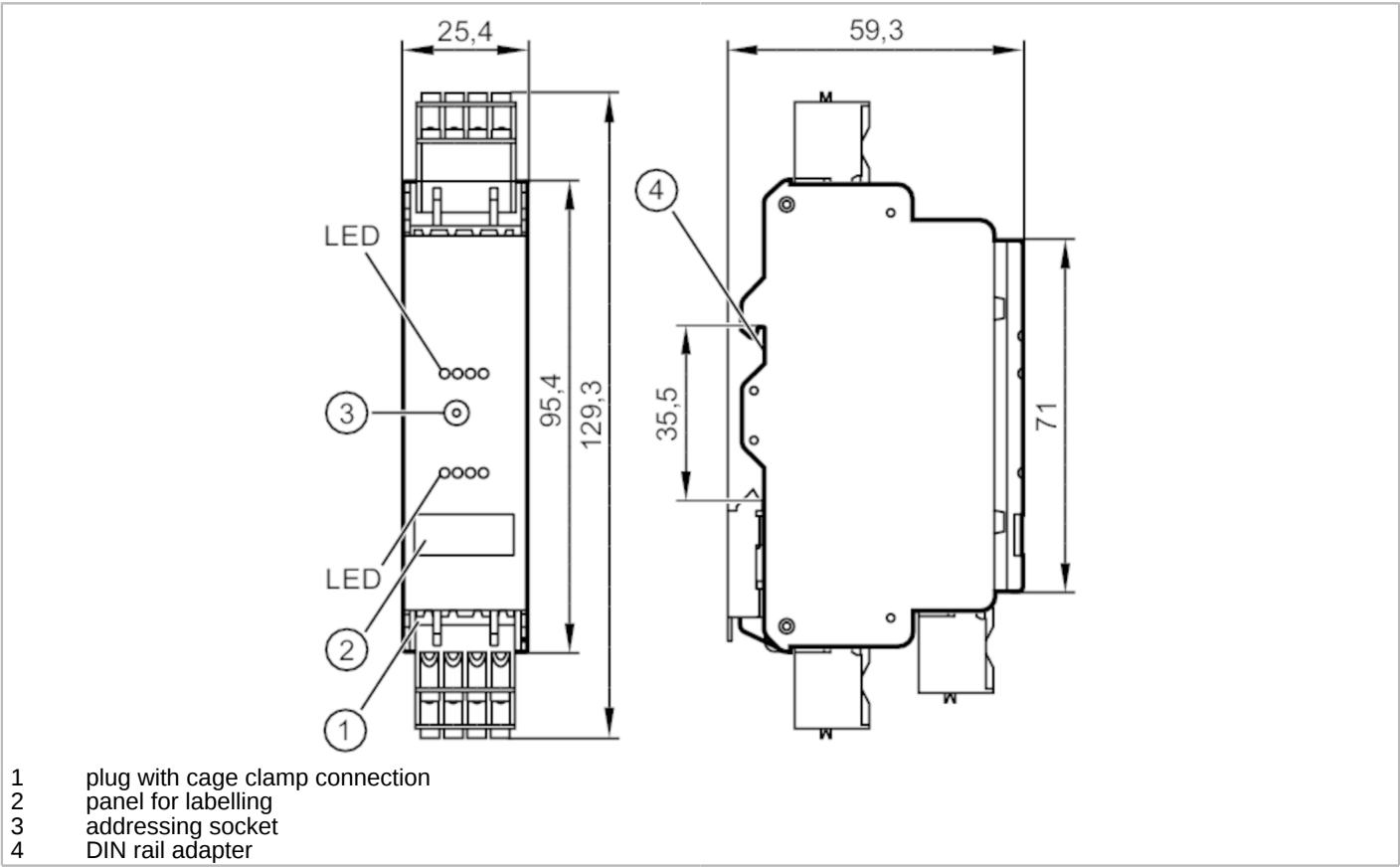




AS-Interface control cabinet module

SmartL25 4 DO T C



Application	
Application	Installation in control cabinets
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]	4000; (AUX)
Integrated watchdog	yes
Inputs / outputs	
Number of inputs and outputs	Number of digital outputs: 4
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



AS-Interface control cabinet module

SmartL25 4 DO T C

Actuator supply outputs		AUX				
Operating conditions						
Ambient temperature	[°C]	-25...65				
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: > 45 °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	[years]	348				
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				
Extended addressing mode		no				
AS-i master profile		M2; M3; M4				
AS-i profile		S-8.0.E				
AS-i I/O configuration		[hex]	8			
AS-i ID code		[hex]	0.E			
AS-i certificate		124403				
Assignment of the data bits		data bit	D0	D1	D2	D3
		Output	O-1	O-2	O-3	O-4
Mechanical data						
Weight		[g]	115.2			
Type of mounting		mounting on DIN rail				
Materials		plastics; PC-GF20				
Displays / operating elements						
Display		switching status		LED, yellow O1...O4		
		operation		LED, green AS-i, AUX		
		errors		LED, red		
Accessories						
Items supplied		cage clamps				
Remarks						
Pack quantity		1 pcs.				



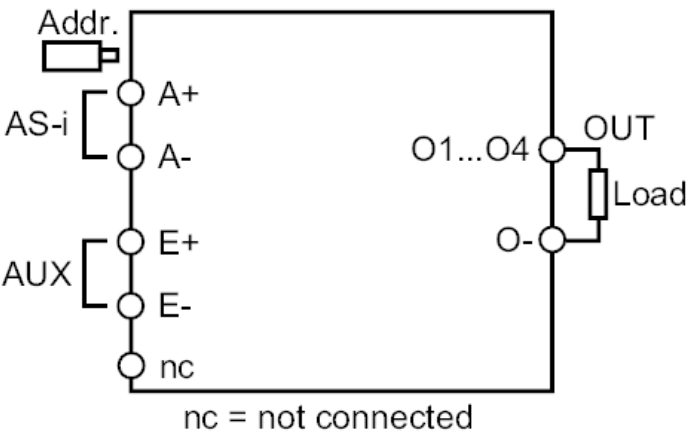
AS-Interface control cabinet module

SmartL25 4 DO T C

Electrical connection

pin headers: 4 x ; Spacing: 5.0 mm

Connection



A+	AS-i +
A-	AS-i -
E+	external voltage supply for actuators +24V (AUX)
E-	external voltage supply for actuators 0V (AUX)
O1...O4	switching output actuator 1...4
O-	switching output actuator 0V
n.c.	not used