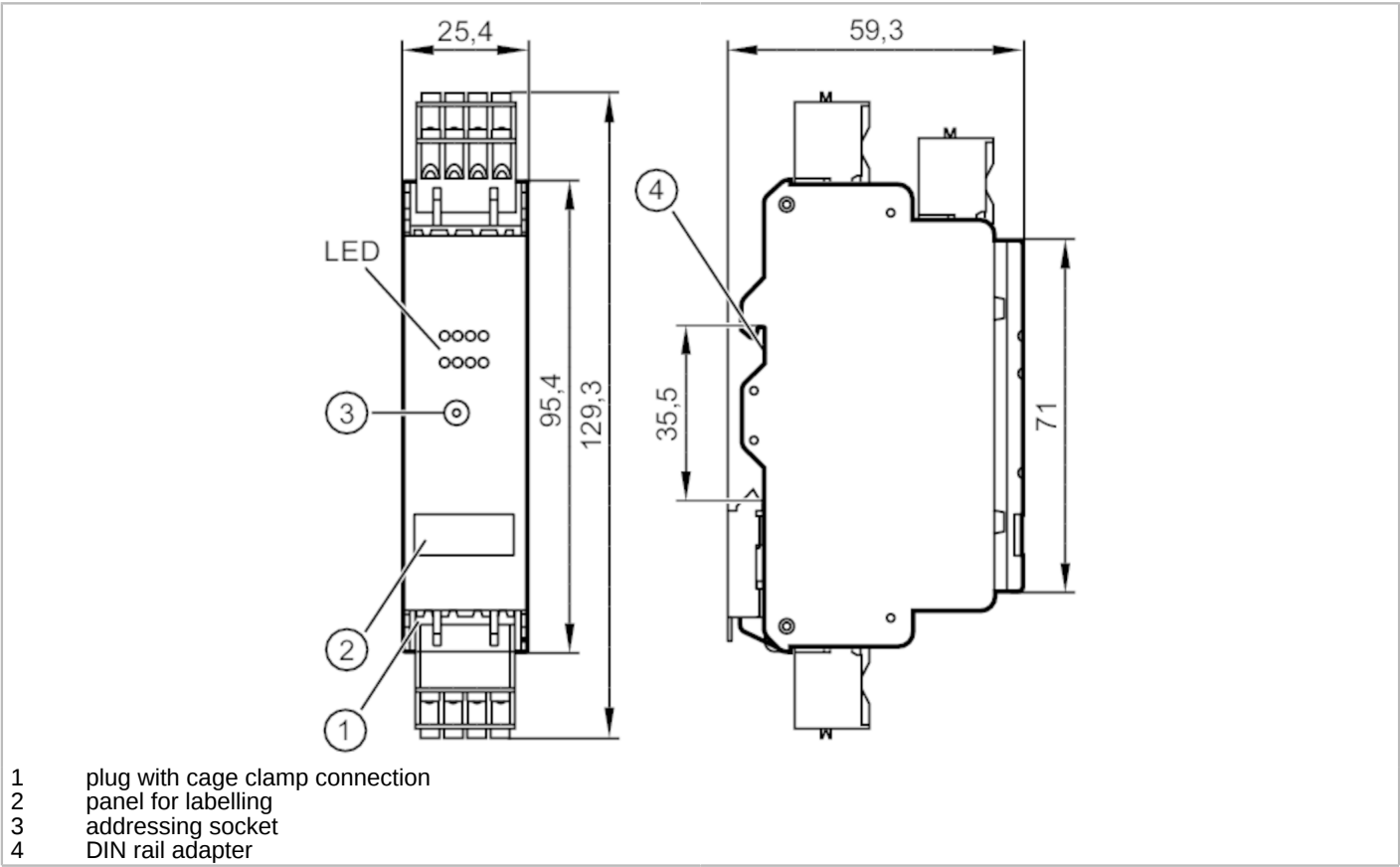




AS-Interface control cabinet module

SmartL25 4 DI AUX 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]	1100; (AUX)
Inputs / outputs	
Number of inputs and outputs	Number of digital inputs: 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
Power supply [V]	18...30; (DC AUX)
Max. total current rating of inputs [mA]	1000
Input current High [mA]	6...10
Input current Low [mA]	0...2
Switching level high [V]	> 11



AS-Interface control cabinet module

SmartL25 4 DI AUX T C

Digital inputs protected against short circuits	yes				
Operating conditions					
Ambient temperature	[°C]	-25...60			
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]	336			
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	yes				
AS-i master profile	M2; M3; M4				
AS-i profile	S-0.A.E				
AS-i I/O configuration	[hex]	0			
AS-i ID code	[hex]	A.E			
AS-i certificate	124404				
Assignment of the data bits	data bit	D0	D1	D2	D3
	input	I-1	I-2	I-3	I-4
Mechanical data					
Weight	[g]	113.75			
Type of mounting	mounting on DIN rail				
Materials	plastics; PC-GF20				
Displays / operating elements					
Display	switching status	LED, yellow I1...I4			
	operation	LED, green AS-i, AUX			
	errors	LED, red			
Accessories					
Items supplied	cage clamps				
Remarks					
Pack quantity	1 pcs.				



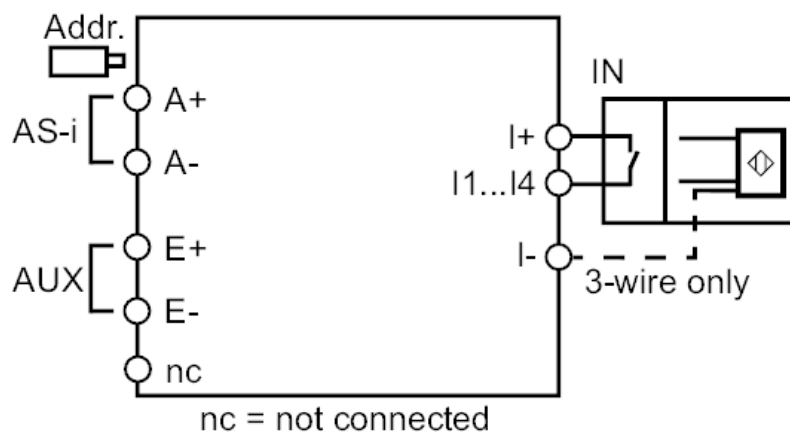
AS-Interface control cabinet module

SmartL25 4 DI AUX 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 voltage supply for sensors + 24 V (AUX)
E-	external voltage supply for sensors 0 V (AUX)
I1...I4	switching input sensor 1...4