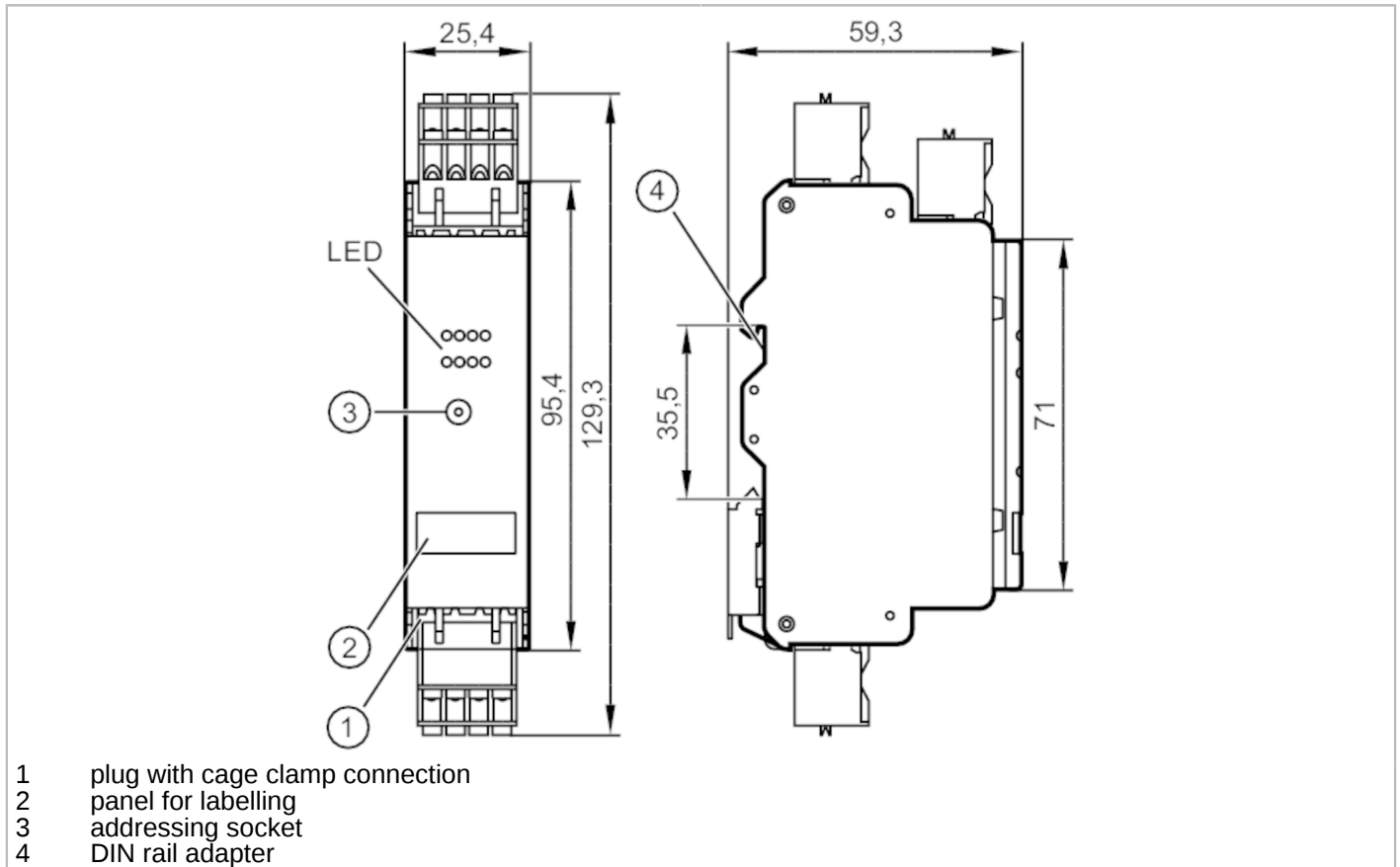# AC3204

AS-Interface control cabinet module

SmartL25 4 DI AUX T C

1   plug with cage clamp connection
2   panel for labelling
3   addressing socket
4   DIN rail adapter

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]	1000
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		via E+/E- / separate to SELV / AUX
Voltage supply	[V]	16...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

AC3204

AS-Interface control cabinet module

SmartL25 4 DI AUX T C

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
Degree of soiling		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		
Extended addressing mode possible		yes		
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]	133
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	
Accessories (supplied)	cage clamps

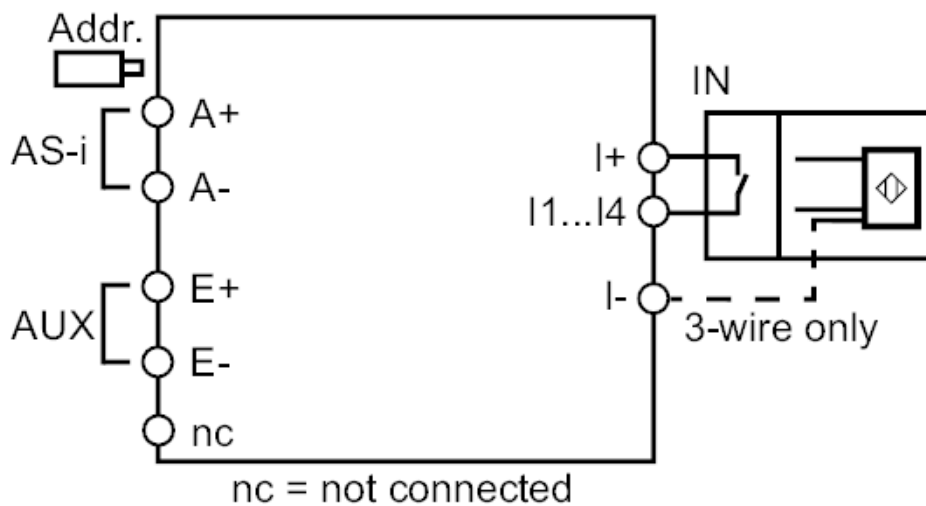| Remarks	
Pack quantity	1 pcs.

AC3204

AS-Interface control cabinet module

SmartL25 4 DI AUX T C

Electrical connection

pin headers: 4 x ; Spacing: 5.0 mm

Connection

nc = not connected

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