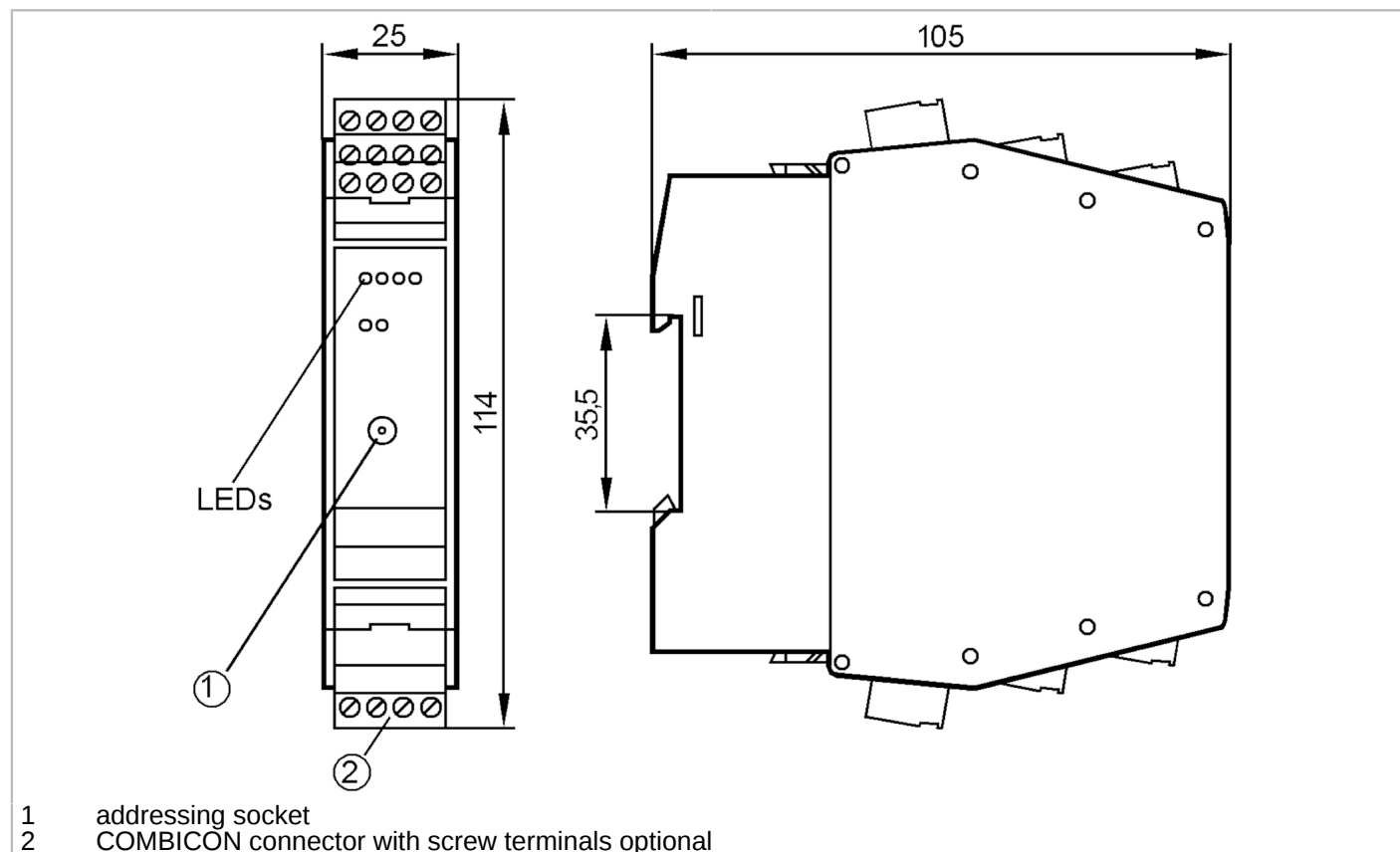


AC2250



AS-Interface control cabinet module

SmartL25 4DI C



Electrical data

Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	250

Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 4
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Inputs

Number of digital inputs		4
Input circuit of digital inputs		PNP
voltage supply	[V]	16...30
Max. total current rating of inputs	[mA]	200
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		AS-i



AS-Interface control cabinet module

SmartL25 4DI C

Operating conditions						
Ambient temperature	[°C]	-25...70				
Note on ambient temperature		cRUus: -25...60 °C				
Protection		IP 20				
Tests / approvals						
EMC		EN 50295				
MTTF		[years]		391		
AS-i classification						
AS-i version		2.1				
AS-i addressing		addressing socket				
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		35401				
Assignment of the data bits		data bit	D0	D1	D2	D3
		input	I-1	I-2	I-3	I-4
Mechanical data						
Weight		[g]		135		
Type of mounting		mounting on DIN rail; string mounting possible				
Materials		PA				
Displays / operating elements						
Display		switching status		LED, yellow		
		operation		LED, green		
		errors		LED, red		
Accessories						
Accessories (optional)		COMBICON connectors				
Remarks						
Remarks		Do not connect any of the following points to an external potential:				
		I-, I+, I1, I2, I3, I4				
		The connections are electrically connected with the AS-i cable.				
Pack quantity		1 pcs.				



AS-Interface control cabinet module

SmartL25 4DI C

Electrical connection

COMBICON:

Connection

I-	I-	I-	I-
I1	I2	I3	I4
I+	I+	I+	I+

A+	A-		

A+	AS-i +
A-	AS-i -
I+	Sensor supply +24V
I-	Sensor supply 0V
I1...I4	switching input sensor 1...4